

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061176.D
 Acq On : 28 Apr 2020 20:18
 Operator : JC/MD
 Sample : L2414-07MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MS

Quant Time: Apr 29 08:00:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 02:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	99287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	175371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	166380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	84067	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	80419	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	7.55	113	52923	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.06	98	217815	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.38	95	83311	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	55564	52.774	ug/l	100
3) Chloromethane	2.03	50	64775	50.798	ug/l	100
4) Vinyl Chloride	2.16	62	184933	127.688	ug/l	100
5) Bromomethane	2.54	94	35214	49.187	ug/l	100
6) Chloroethane	2.67	64	45918	50.020	ug/l	96
7) Trichlorofluoromethane	2.99	101	89764	54.935	ug/l	99
8) Diethyl Ether	3.37	74	36177	53.079	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	54848	52.103	ug/l	100
10) Methyl Iodide	3.91	142	70025	51.761	ug/l	100
11) Tert butyl alcohol	4.72	59	42120	200.142	ug/l #	83
12) 1,1-Dichloroethene	3.70	96	55360	52.847	ug/l	99
13) Acrolein	3.57	56	31504	224.635	ug/l	99
14) Allyl chloride	4.28	41	106793	54.981	ug/l	96
15) Acrylonitrile	4.93	53	159119	246.303	ug/l	98
16) Acetone	3.77	43	146596	241.077	ug/l	100
17) Carbon Disulfide	4.01	76	150762	52.100	ug/l	99
18) Methyl Acetate	4.27	43	87128	44.017	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	201931	50.447	ug/l #	86
20) Methylene Chloride	4.50	84	62480	51.003	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	63644	55.794	ug/l	97
22) Diisopropyl ether	5.90	45	230847	51.252	ug/l	100
23) Vinyl Acetate	5.84	43	909402	250.754	ug/l	100
24) 1,1-Dichloroethane	5.80	63	124369	52.848	ug/l	99
25) 2-Butanone	6.78	43	236549	254.456	ug/l #	89
26) 2,2-Dichloropropane	6.78	77	97715	49.296	ug/l #	1
27) cis-1,2-Dichloroethene	6.78	96	1399851	1045.739	ug/l	89
28) Bromochloromethane	7.15	49	58492	52.439	ug/l	99
29) Tetrahydrofuran	7.17	42	153364	244.906	ug/l	100
30) Chloroform	7.33	83	122286	51.276	ug/l	97
31) Cyclohexane	7.62	56	117004	51.195	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	118157	56.896	ug/l	99
36) 1,1-Dichloropropene	7.75	75	92430	52.650	ug/l	100
37) Ethyl Acetate	6.88	43	96198	46.741	ug/l #	81
38) Carbon Tetrachloride	7.73	117	81365	57.956	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	128161	61.059	ug/l	98
40) Benzene	8.00	78	268182	51.276	ug/l	100
41) Methacrylonitrile	7.12	41	39137	45.800	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	103696	52.335	ug/l	96
43) Isopropyl Acetate	8.12	43	218354	63.928	ug/l #	84
44) Trichloroethene	8.80	130	82226	58.156	ug/l	99
45) 1,2-Dichloropropane	9.08	63	71421	51.114	ug/l	99
46) Dibromomethane	9.17	93	46652	53.923	ug/l	99
47) Bromodichloromethane	9.37	83	100206	53.962	ug/l	100
48) Methyl methacrylate	9.17	41	79987	51.896	ug/l	98
49) 1,4-Dioxane	9.17	88	13007	743.439	ug/l #	87
51) 4-Methyl-2-Pentanone	9.95	43	510989	254.161	ug/l	100
52) Toluene	10.13	92	168177	53.384	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	109461	52.313	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	113459	51.290	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	81321	64.717	ug/l	98
56) Ethyl methacrylate	10.40	69	111284	50.777	ug/l	92
57) 1,3-Dichloropropane	10.68	76	115397	52.246	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.62	63	297	0.292	ug/l #	49
59) 2-Hexanone	10.72	43	371750	254.158	ug/l	99
60) Dibromochloromethane	10.88	129	69851	53.076	ug/l	99
61) 1,2-Dibromoethane	10.98	107	67552	53.636	ug/l	100
64) Tetrachloroethene	10.60	164	78966	54.798	ug/l	99
65) Chlorobenzene	11.41	112	172727	52.335	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	63848	54.051	ug/l	98
67) Ethyl Benzene	11.48	91	329503	53.332	ug/l	99
68) m/p-Xylenes	11.60	106	242464	107.216	ug/l	99
69) o-Xylene	11.92	106	114600	52.756	ug/l	98
70) Styrene	11.94	104	196432	54.028	ug/l	100
71) Bromoform	12.10	173	47257	54.434	ug/l #	99
73) Isopropylbenzene	12.22	105	315749	51.091	ug/l	99
74) N-amyl acetate	12.04	43	151951	48.554	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	97326	50.505	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	129817	73.245	ug/l #	100
77) Bromobenzene	12.50	156	71708	50.263	ug/l	99
78) n-propylbenzene	12.57	91	380069	51.849	ug/l	100
79) 2-Chlorotoluene	12.65	91	218243	50.653	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	266693	52.139	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	33273	47.674	ug/l	95
82) 4-Chlorotoluene	12.75	91	233071	51.325	ug/l	99
83) tert-Butylbenzene	12.97	119	230158	53.363	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	268189	50.891	ug/l	99
85) sec-Butylbenzene	13.15	105	317187	53.940	ug/l	99
86) p-Isopropyltoluene	13.26	119	274941	51.894	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	134389	51.169	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	134648	50.177	ug/l	100
89) n-Butylbenzene	13.59	91	260051	53.541	ug/l	99
90) Hexachloroethane	13.85	117	29179	52.374	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	128409	50.991	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	20439	50.219	ug/l	98

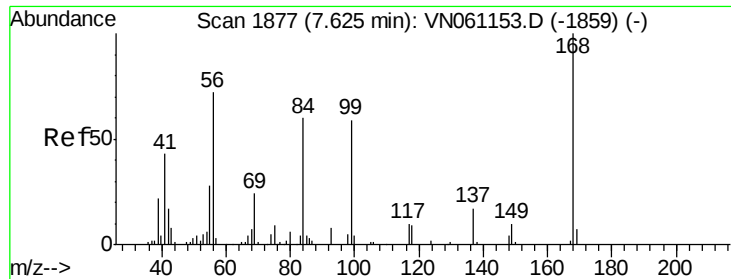
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Quant Title : SW846 8260
QLast Update : Tue Apr 28 02:20:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	79217	51.658	ug/l	96
94) Hexachlorobutadiene	14.98	225	33135	51.722	ug/l	99
95) Naphthalene	15.10	128	252928	50.645	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	77536	51.212	ug/l	97

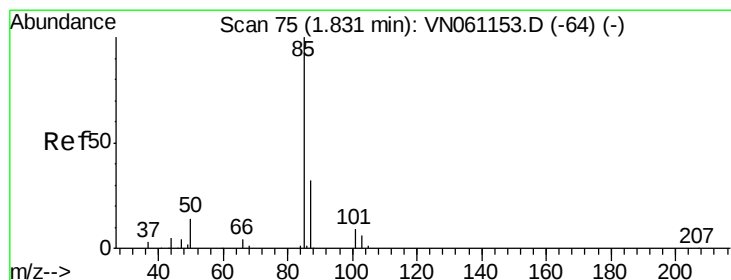
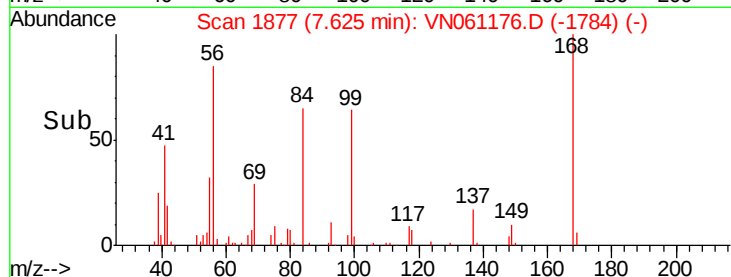
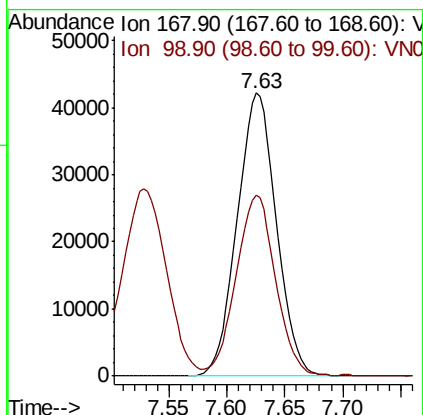
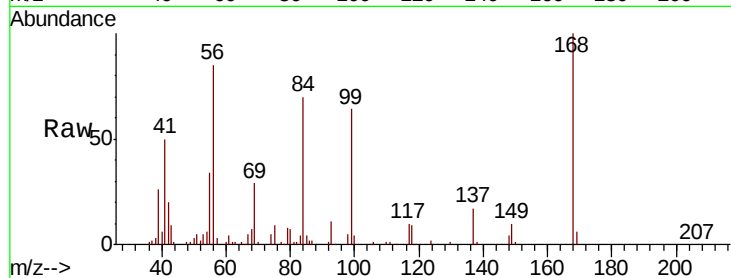
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

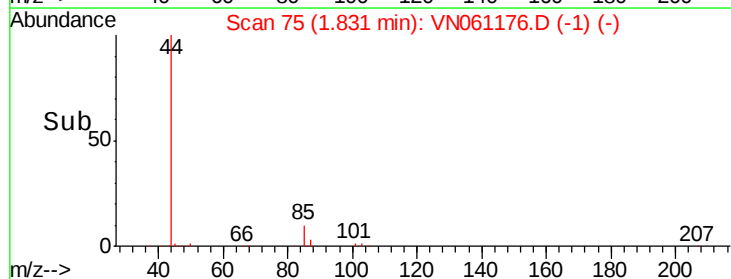
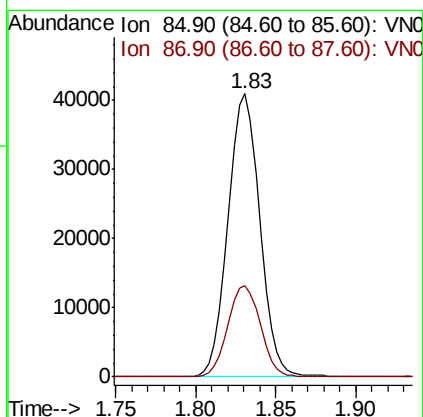
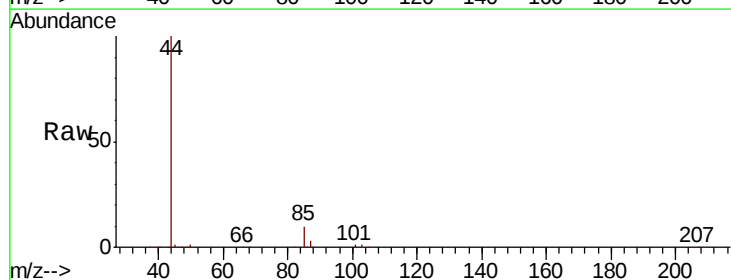
Instrument :
MSVOA_N
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Tot Ion:168 Resp: 99287
Ion Ratio Lower Upper
168 100
99 63.6 51.2 76.8



#2
Dichlorodifluoromethane
Concen: 52.774 ug/l
RT: 1.83 min Scan# 75
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion: 85 Resp: 55564
Ion Ratio Lower Upper
85 100
87 32.2 16.1 48.2





#3

Chloromethane

Concen: 50.798 ug/l

RT: 2.03 min Scan# 138

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

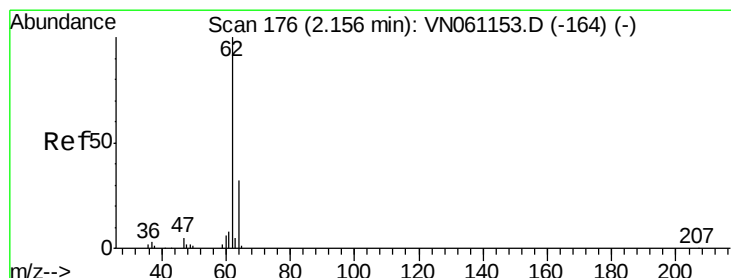
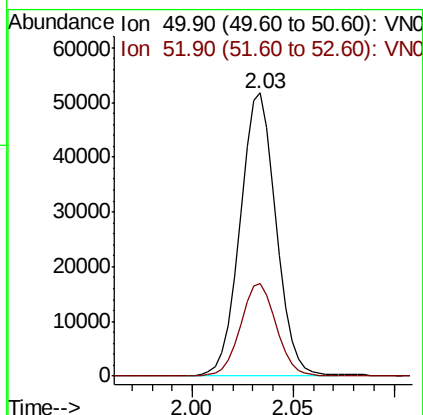
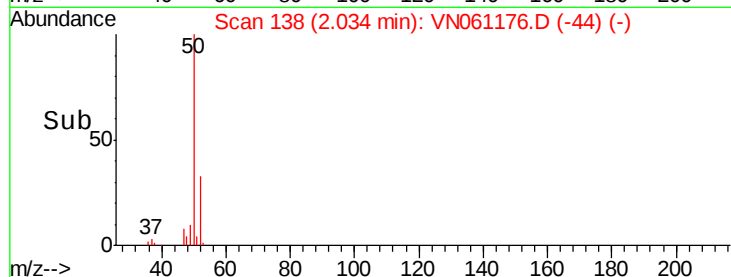
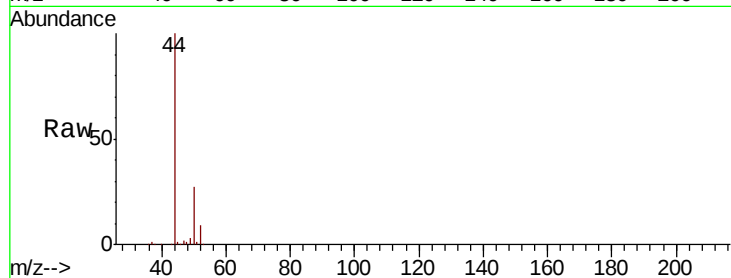
ST006RW149-200422MS

Tot Ion: 50 Resp: 64775

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 127.688 ug/l

RT: 2.16 min Scan# 177

Delta R.T. 0.00 min

Lab File: VN061176.D

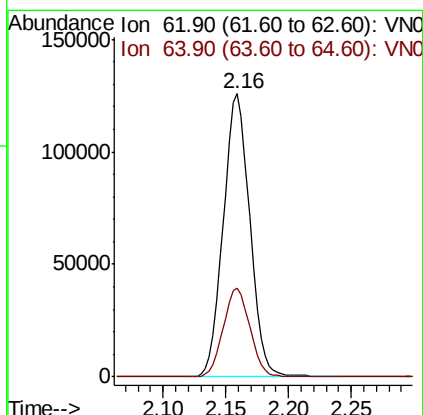
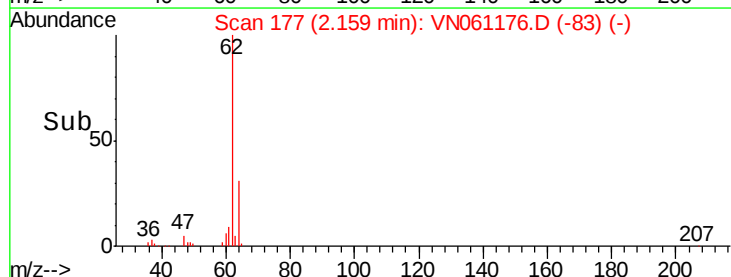
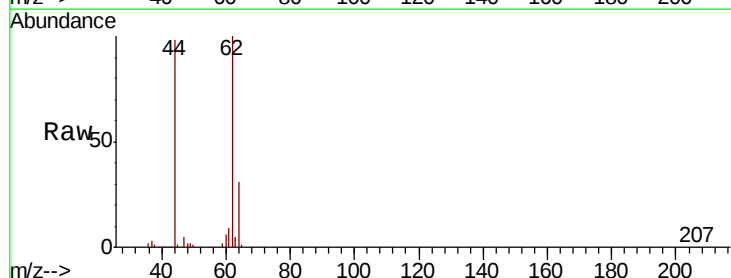
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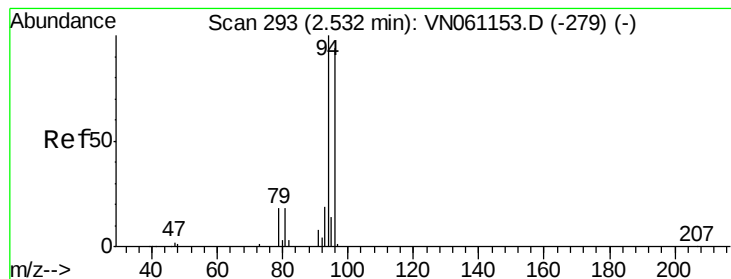
Tgt Ion: 62 Resp: 184933

Ion Ratio Lower Upper

62 100

64 31.4 25.2 37.8





#5

Bromomethane

Concen: 49.187 ug/l

RT: 2.54 min Scan# 295

Delta R.T. 0.01 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

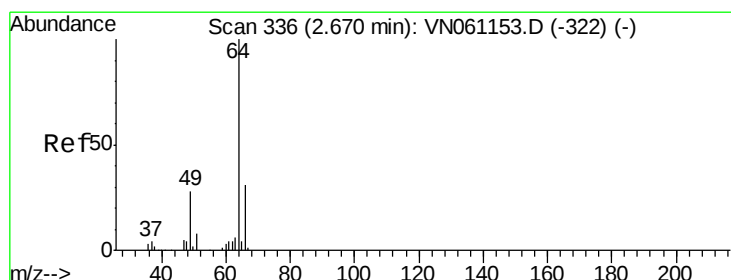
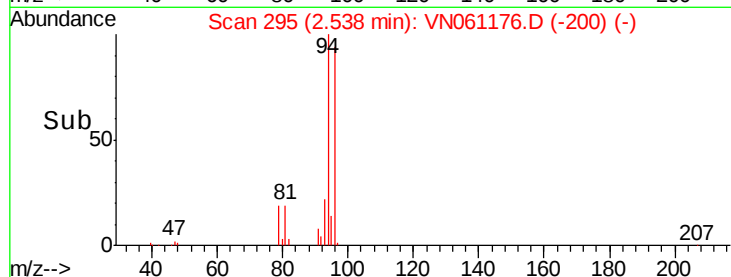
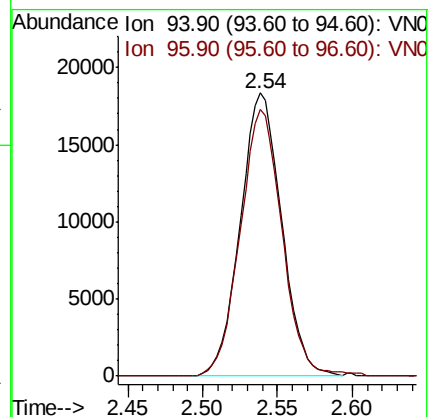
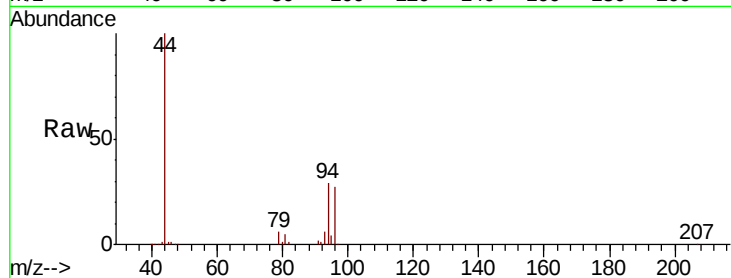
ST006RW149-200422MS

Tot Ion: 94 Resp: 35214

Ion Ratio Lower Upper

94 100

96 94.0 75.1 112.7



#6

Chloroethane

Concen: 50.020 ug/l

RT: 2.67 min Scan# 337

Delta R.T. 0.00 min

Lab File: VN061176.D

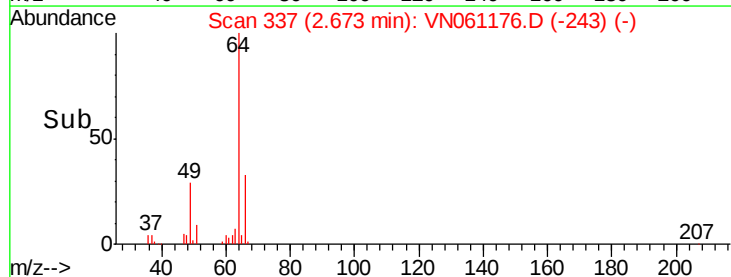
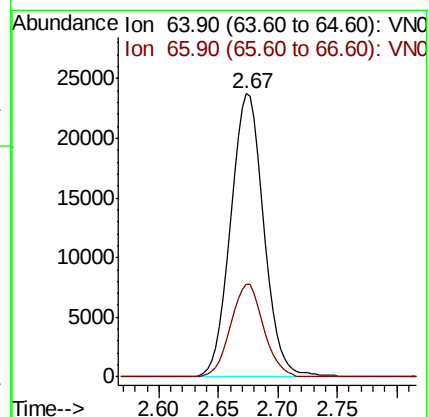
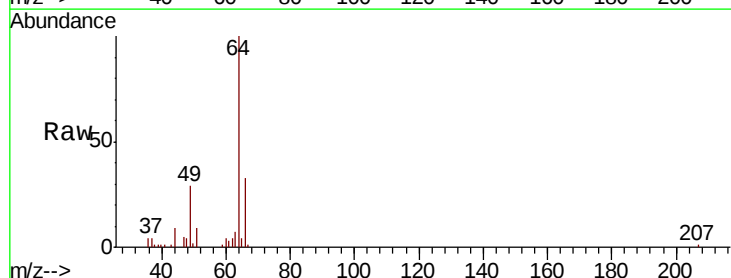
Acq: 28 Apr 2020 20:18

Tgt Ion: 64 Resp: 45918

Ion Ratio Lower Upper

64 100

66 32.8 24.6 36.8



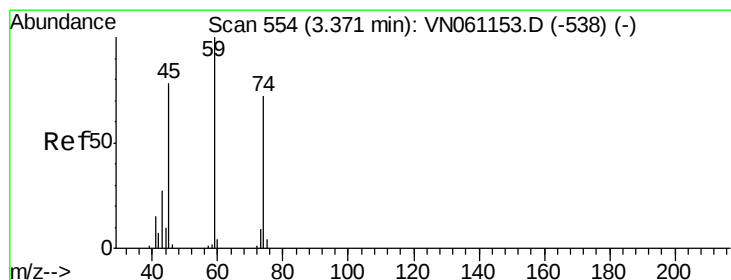
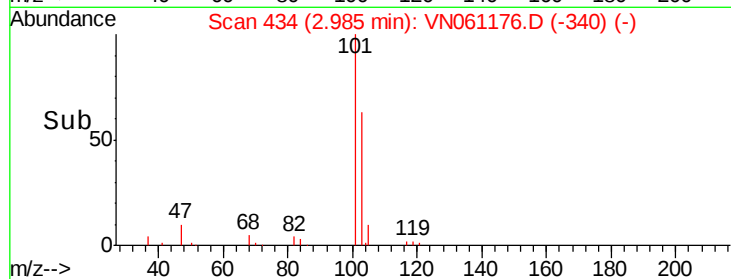
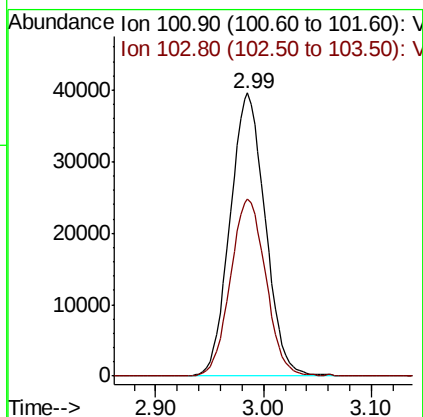
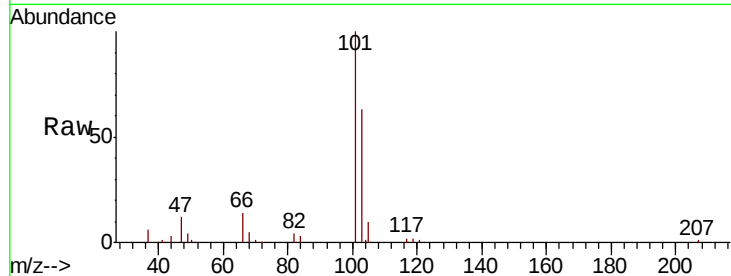


#7

Trichlorofluoromethane
 Concen: 54.935 ug/l
 RT: 2.99 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: VN061176.D
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Instrument :
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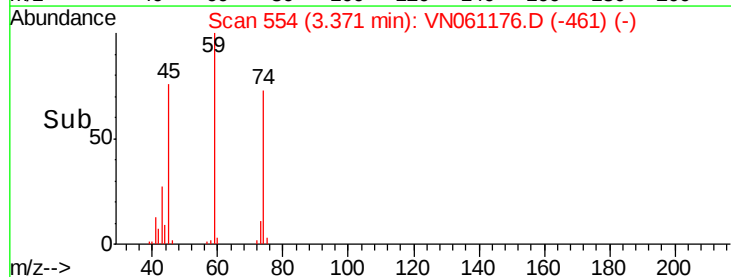
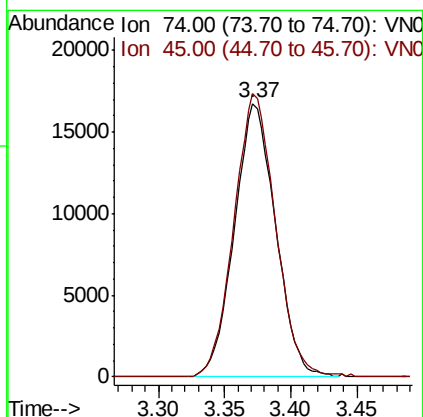
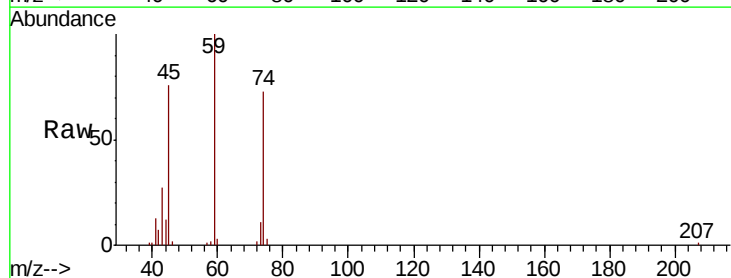
Tot Ion:101 Resp: 89764
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.6 76.0

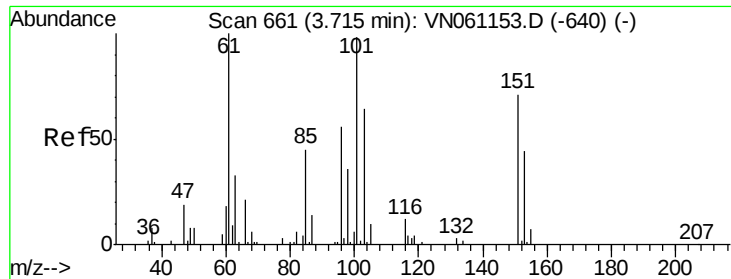


#8

Diethyl Ether
 Concen: 53.079 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Tgt Ion: 74 Resp: 36177
 Ion Ratio Lower Upper
 74 100
 45 104.6 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.103 ug/l

RT: 3.72 min Scan# 662

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

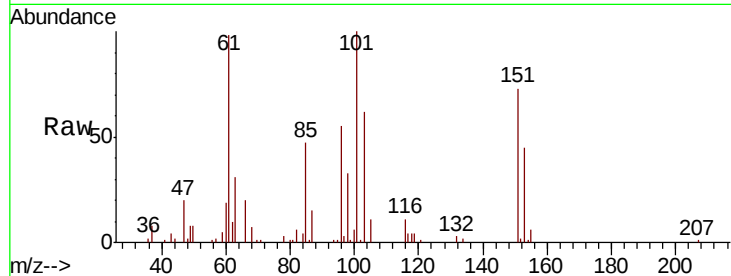
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Ion Ratio Lower Upper

101 100

85 47.0 37.2 55.8

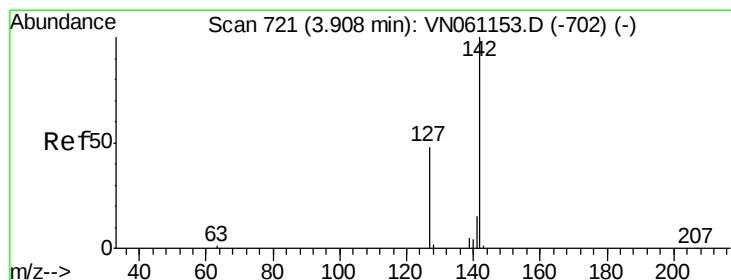
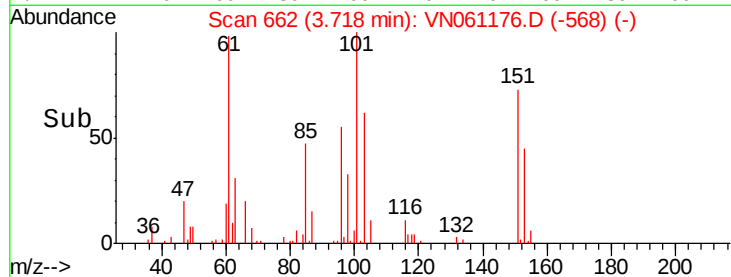
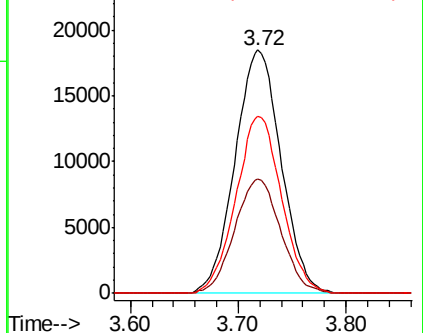
151 72.0 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.761 ug/l

RT: 3.91 min Scan# 722

Delta R.T. 0.00 min

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Acq: 28 Apr 2020 20:18

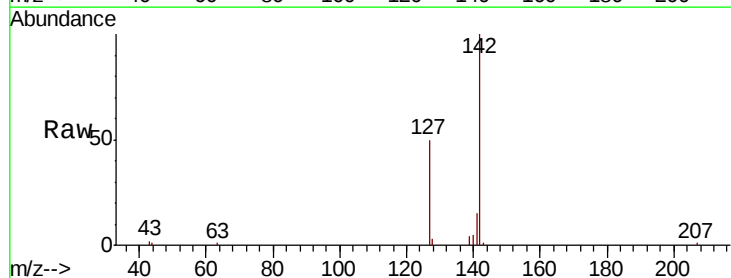
Tgt Ion:142 Resp: 70025

Ion Ratio Lower Upper

142 100

127 47.5 38.0 57.0

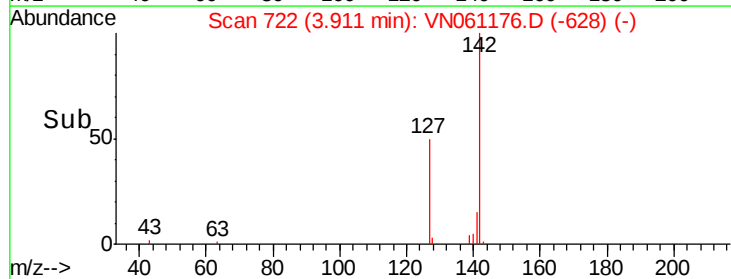
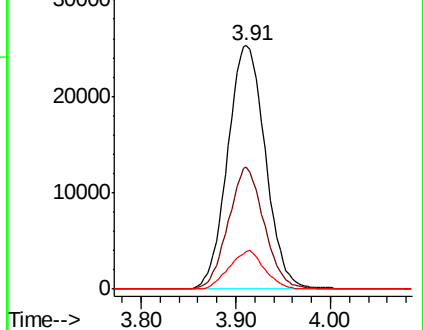
141 14.7 11.7 17.5

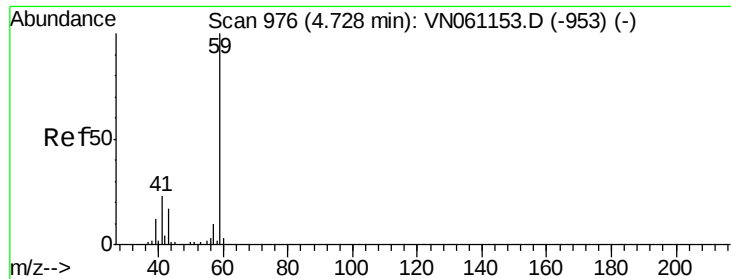


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



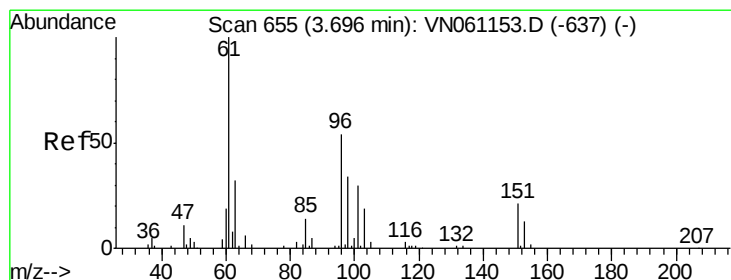
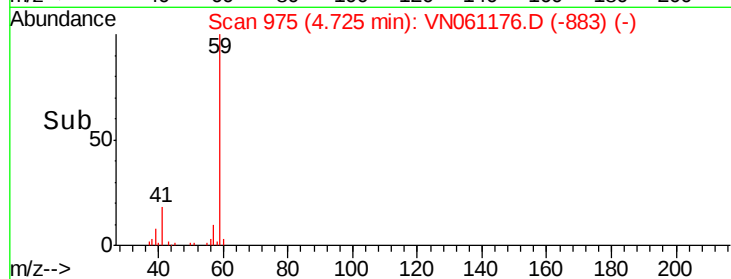
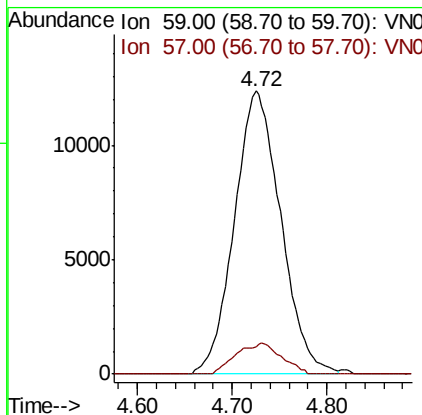
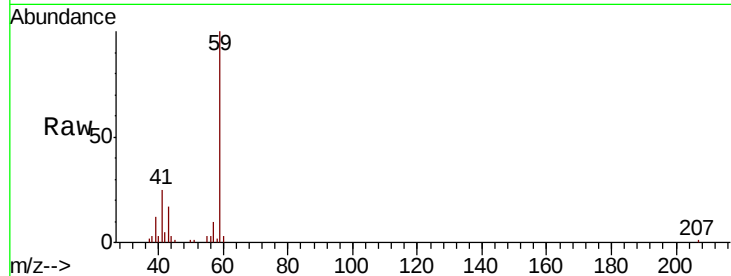


#11

Tert butyl alcohol
 Concen: 200.142 ug/l
 RT: 4.72 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MS

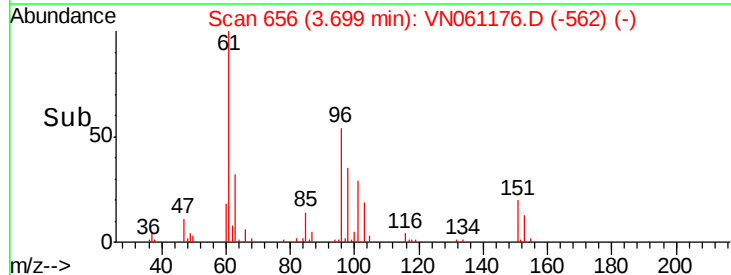
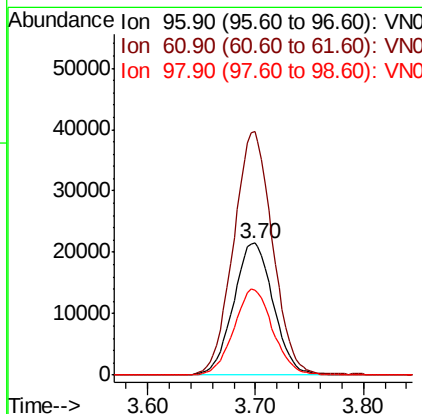
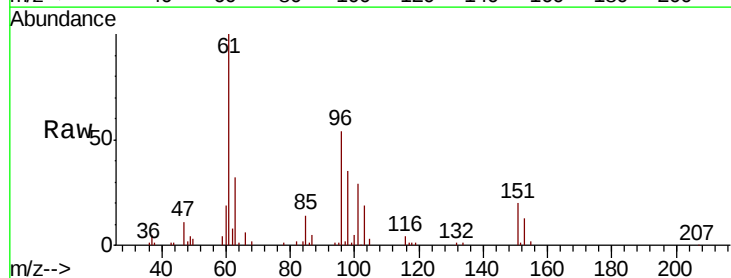
Tot Ion: 59 Resp: 42120
 Ion Ratio Lower Upper
 59 100
 57 4.0 8.3 12.5#

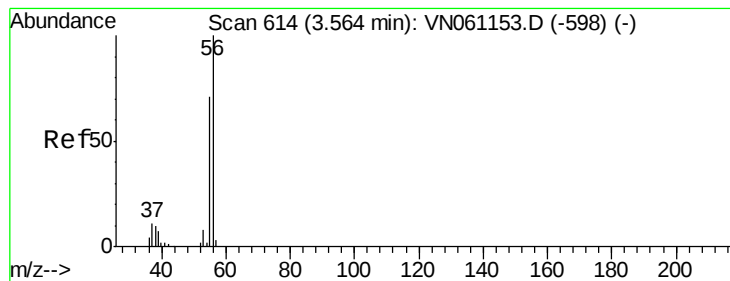


#12

1,1-Dichloroethene
 Concen: 52.847 ug/l
 RT: 3.70 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Tgt Ion: 96 Resp: 55360
 Ion Ratio Lower Upper
 96 100
 61 184.9 147.0 220.6
 98 64.6 49.8 74.6





#13

Acrolein

Concen: 224.635 ug/l

RT: 3.57 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

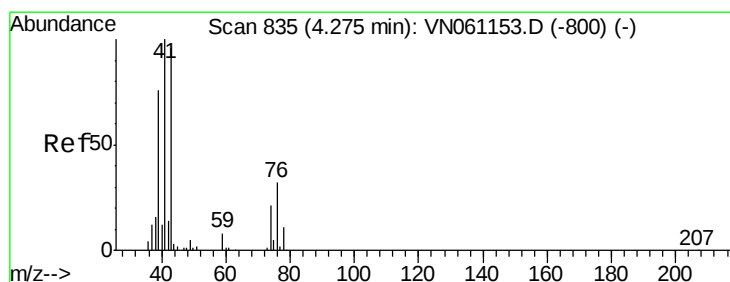
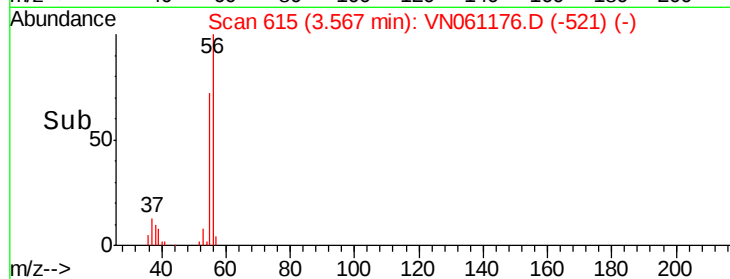
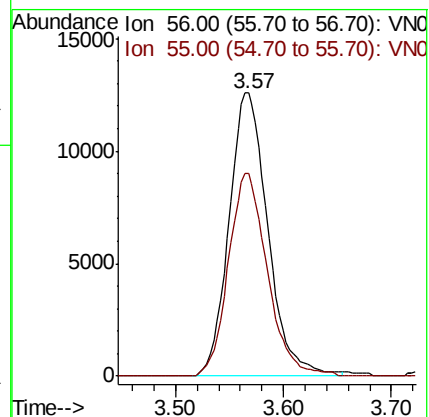
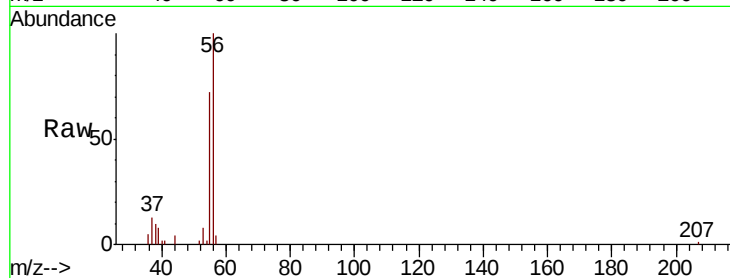
ST006RW149-200422MS

Tot Ion: 56 Resp: 31504

Ion Ratio Lower Upper

56 100

55 71.9 58.5 87.7



#14

Allyl chloride

Concen: 54.981 ug/l

RT: 4.28 min Scan# 836

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

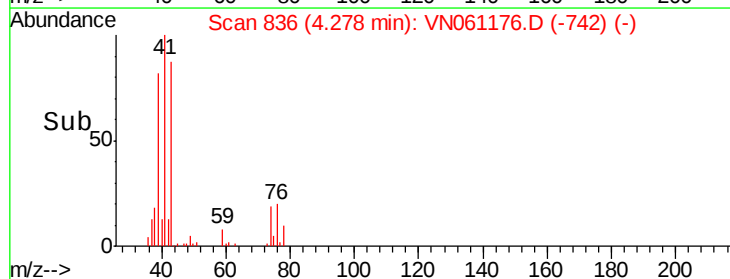
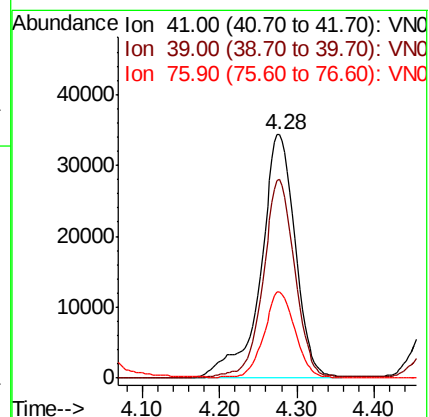
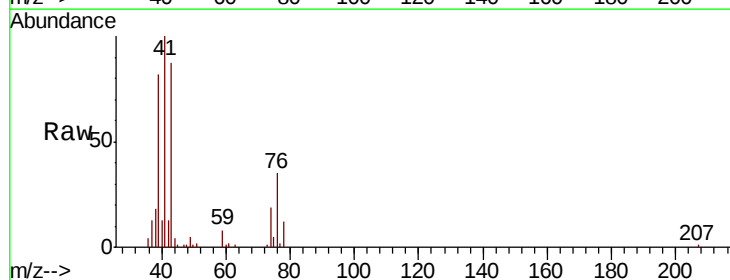
Tgt Ion: 41 Resp: 106793

Ion Ratio Lower Upper

41 100

39 74.9 57.1 85.7

76 31.7 24.3 36.5





#15

Acrylonitrile

Concen: 246.303 ug/l

RT: 4.93 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

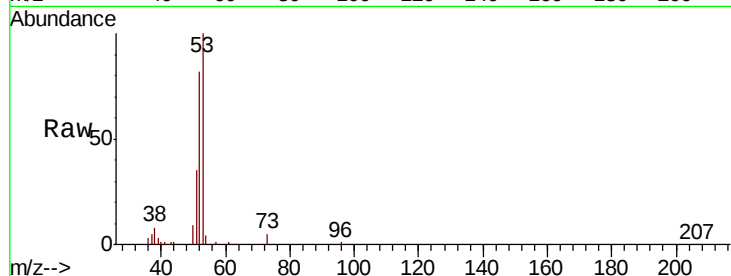
Tot Ion: 53 Resp: 159119

Ion Ratio Lower Upper

53 100

52 83.5 65.4 98.0

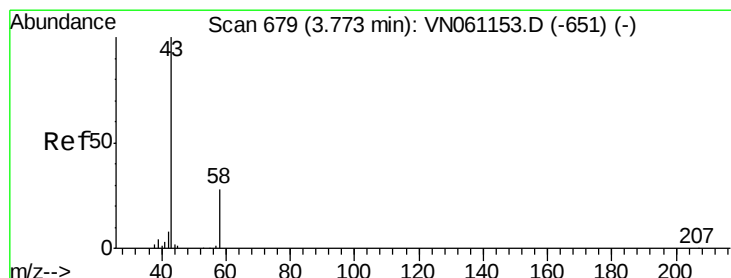
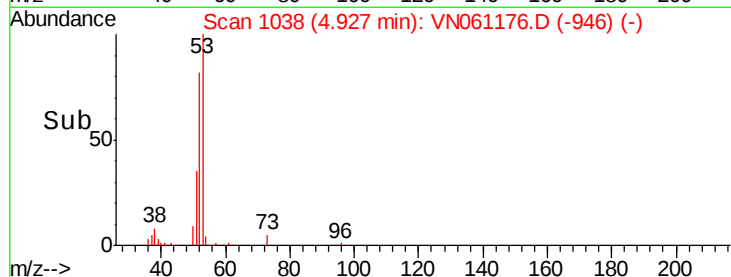
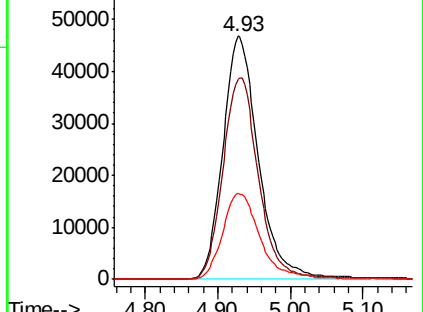
51 37.5 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN061153.D (-1016) (-)

Ion 52.00 (51.70 to 52.70): VN061153.D (-1016) (-)

Ion 51.00 (50.70 to 51.70): VN061153.D (-1016) (-)



#16

Acetone

Concen: 241.077 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061176.D

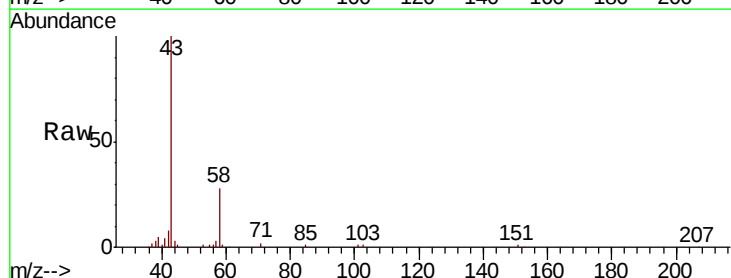
Acq: 28 Apr 2020 20:18

Tgt Ion: 43 Resp: 146596

Ion Ratio Lower Upper

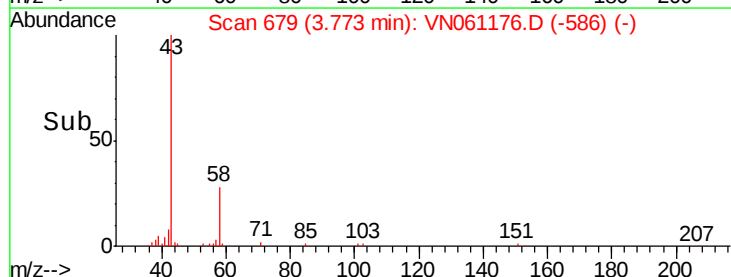
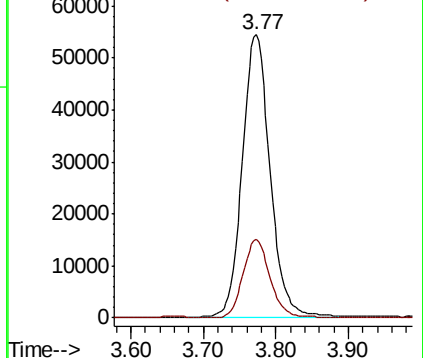
43 100

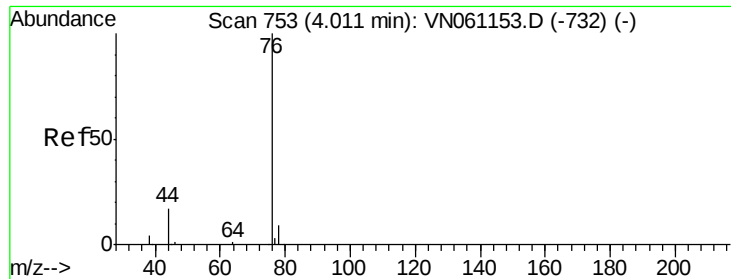
58 27.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-651) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-651) (-)

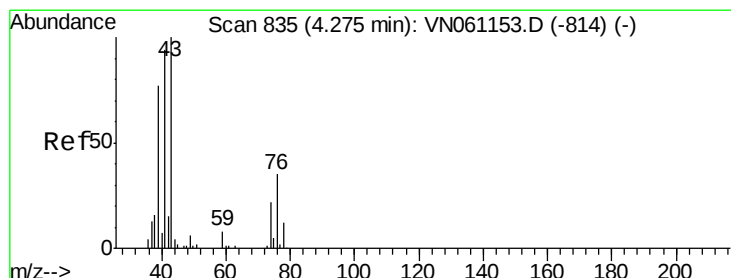
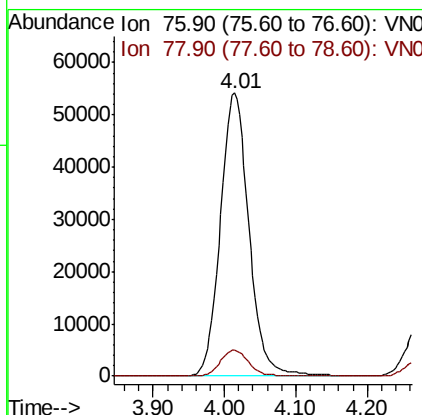
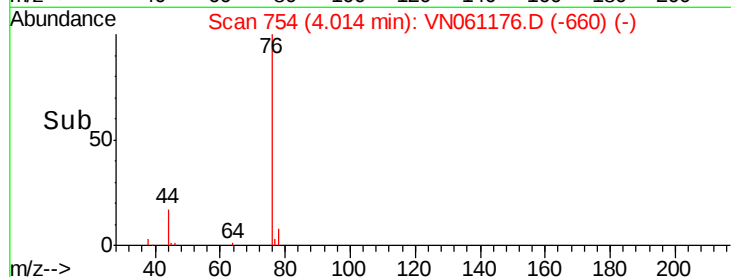
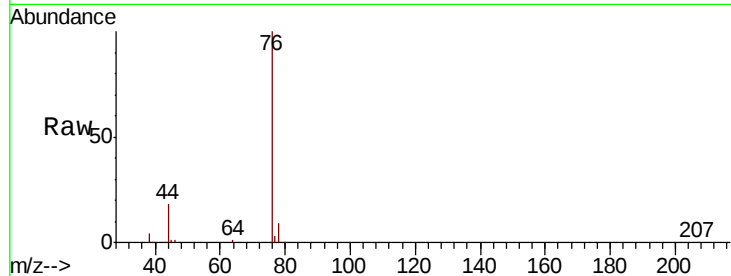




#17
Carbon Disulfide
Concen: 52.100 ug/l
RT: 4.01 min Scan# 754
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

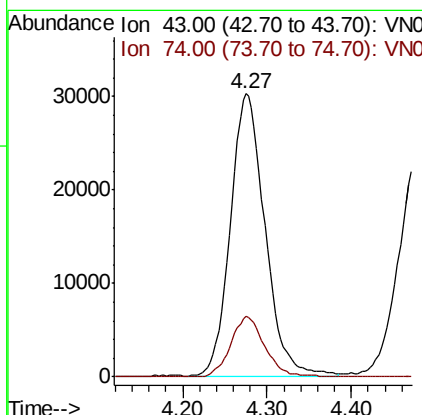
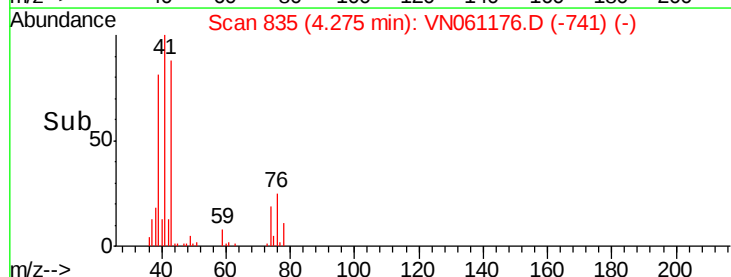
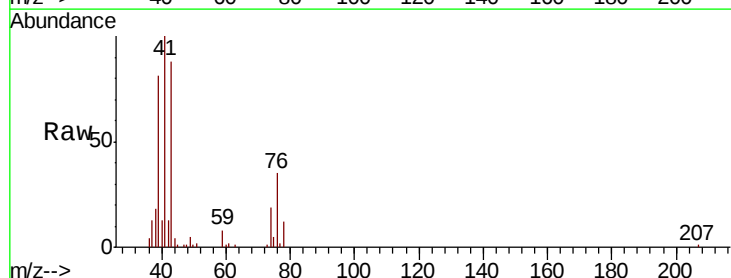
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

Tot Ion: 76 Resp: 150762
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 44.017 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion: 43 Resp: 87128
Ion Ratio Lower Upper
43 100
74 20.7 17.0 25.4

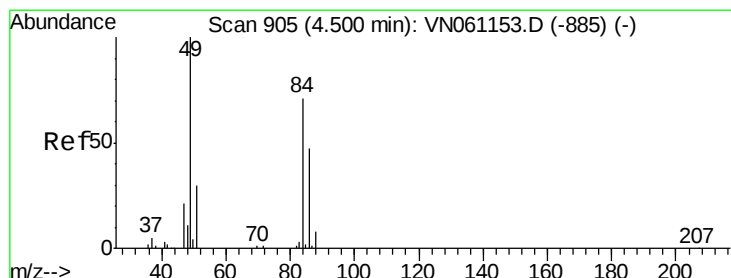
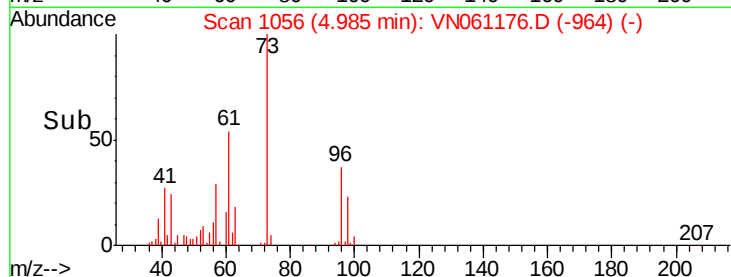
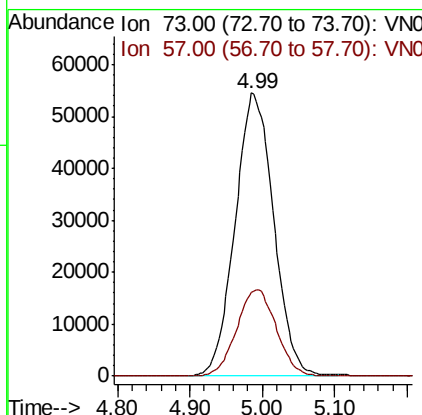
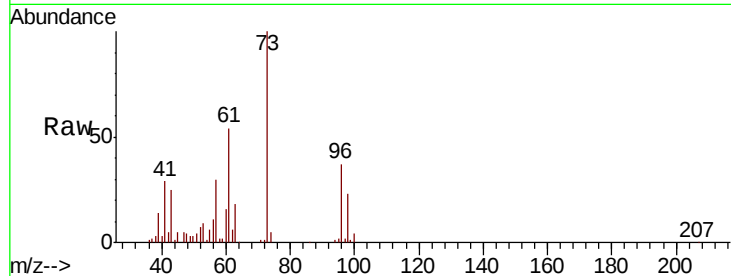




#19
Methvl tert-butvl Ether
Concen: 50.447 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

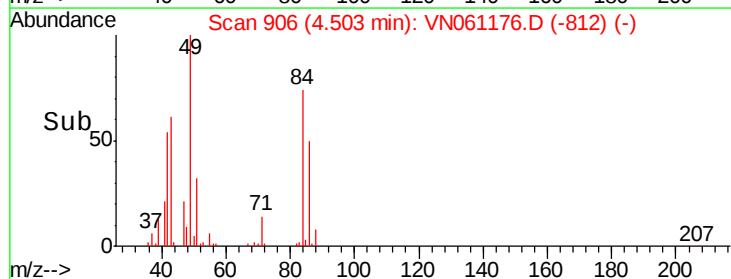
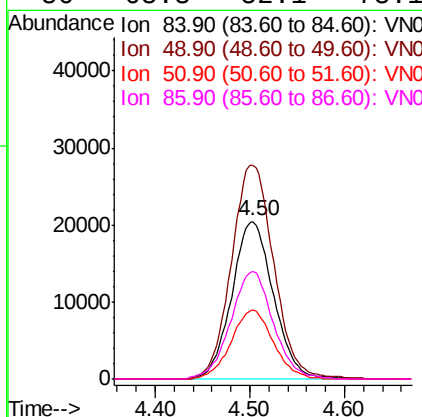
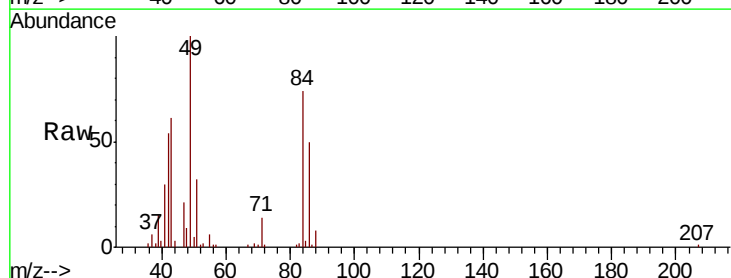
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

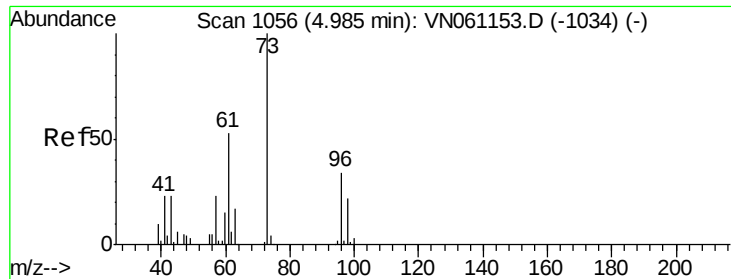
Tot Ion: 73 Resp: 201931
Ion Ratio Lower Upper
73 100
57 29.6 18.3 27.5#



#20
Methylene Chloride
Concen: 51.003 ug/l
RT: 4.50 min Scan# 906
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion: 84 Resp: 62480
Ion Ratio Lower Upper
84 100
49 135.6 112.0 168.0
51 43.5 33.6 50.4
86 68.3 52.1 78.1

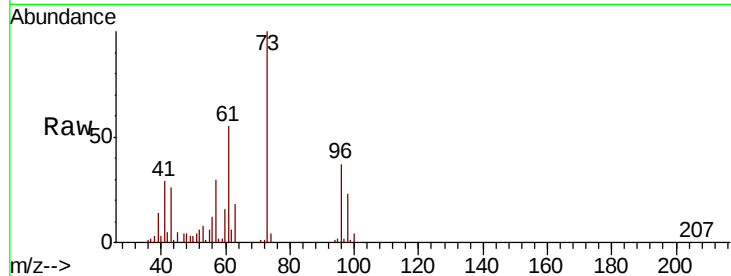




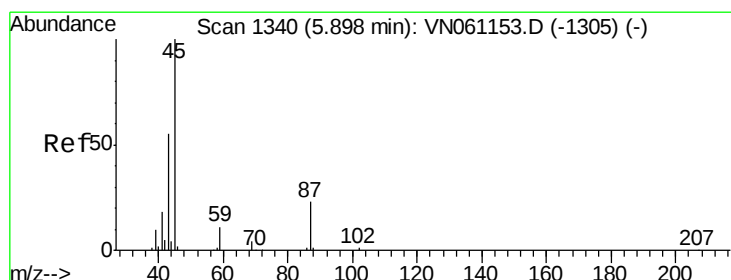
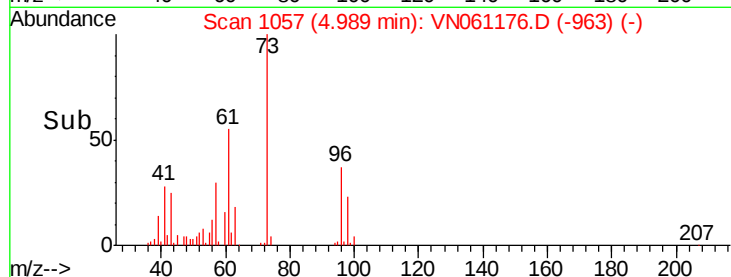
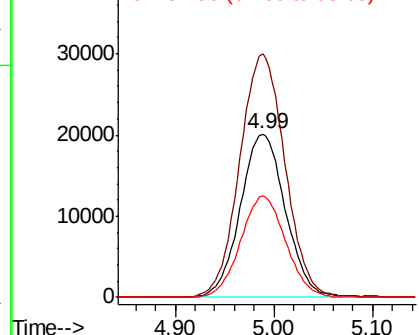
#21
trans-1,2-Dichloroethene
Concen: 55.794 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

Tot Ion: 96 Resp: 63644
Ion Ratio Lower Upper
96 100
61 148.8 123.0 184.4
98 62.4 50.1 75.1

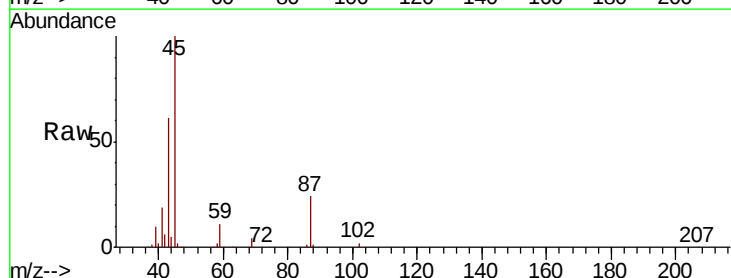


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

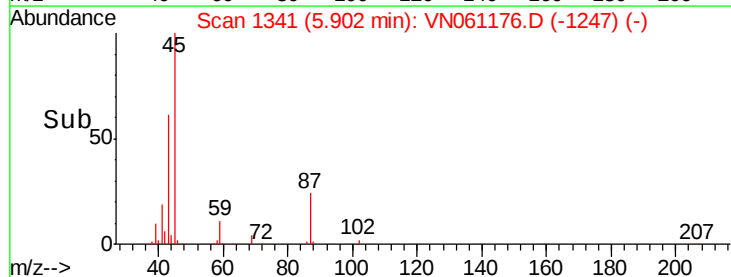
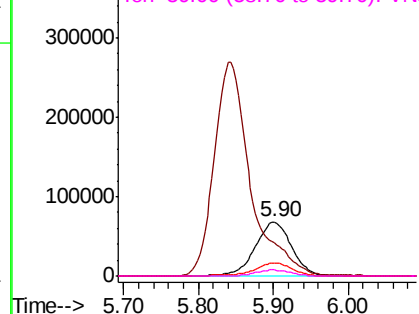


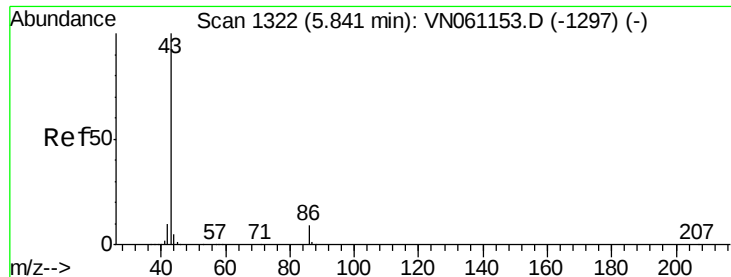
#22
Diisopropyl ether
Concen: 51.252 ug/l
RT: 5.90 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion: 45 Resp: 230847
Ion Ratio Lower Upper
45 100
43 59.5 47.9 71.9
87 24.0 19.2 28.8
59 11.0 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 250.754 ug/l

RT: 5.84 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

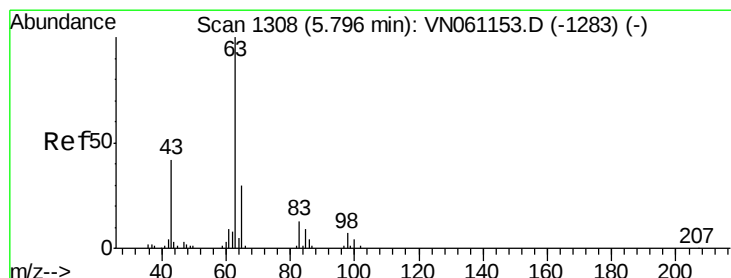
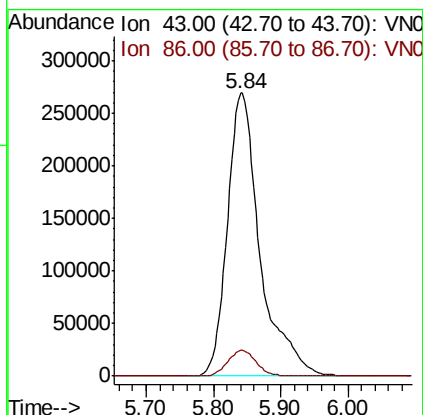
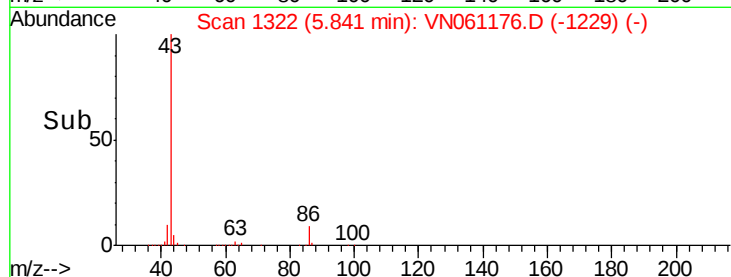
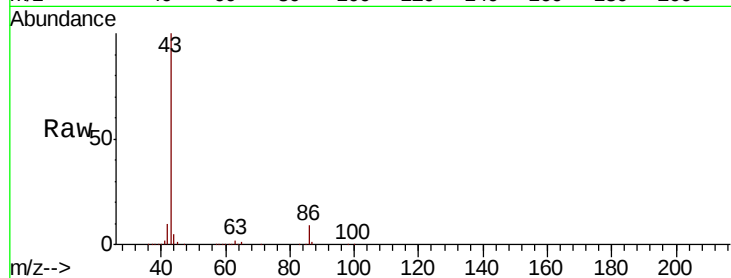
ST006RW149-200422MS

Tot Ion: 43 Resp: 909402

Ion Ratio Lower Upper

43 100

86 9.2 7.2 10.8



#24

1,1-Dichloroethane

Concen: 52.848 ug/l

RT: 5.80 min Scan# 1309

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

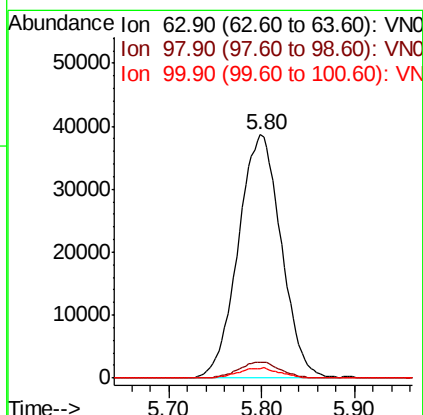
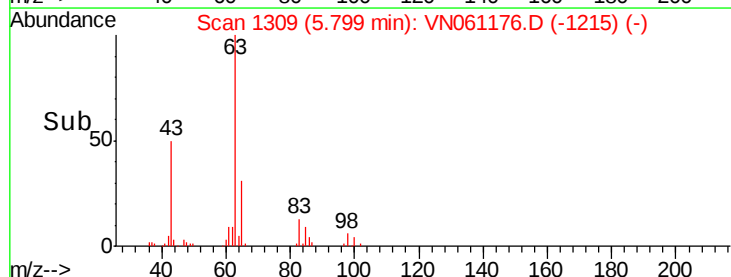
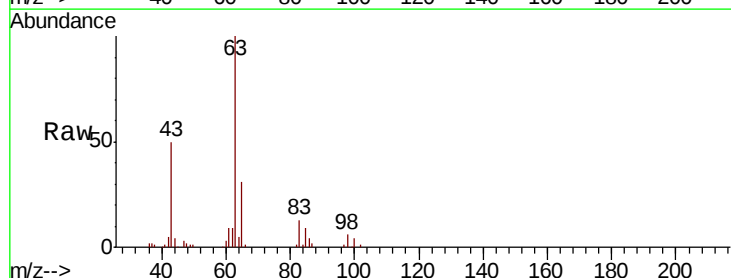
Tgt Ion: 63 Resp: 124369

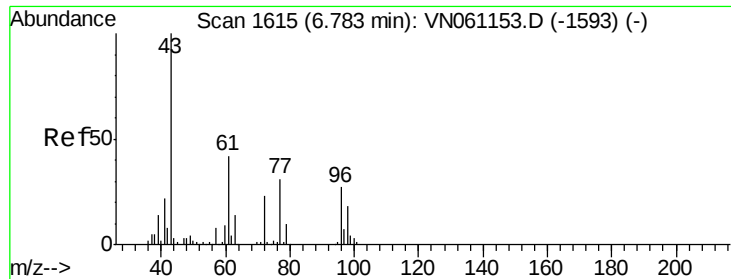
Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.9

100 4.1 1.9 5.7

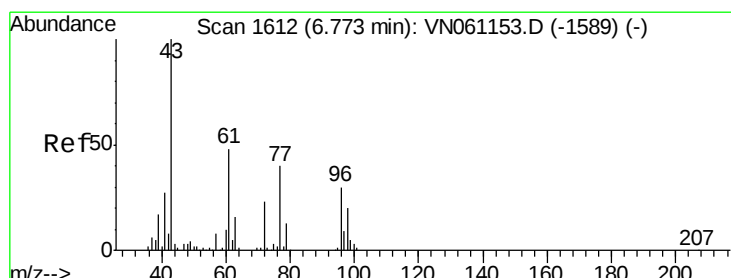
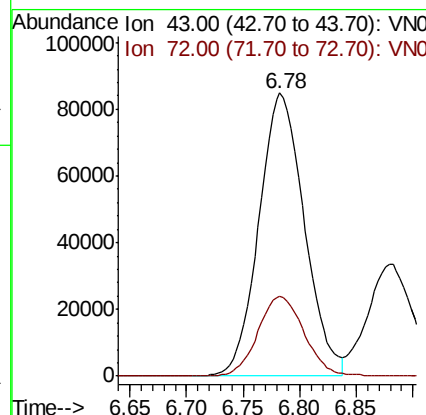
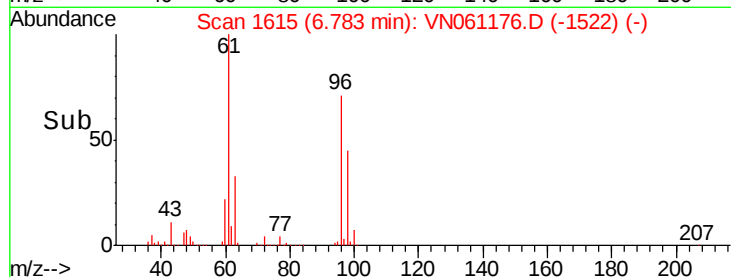
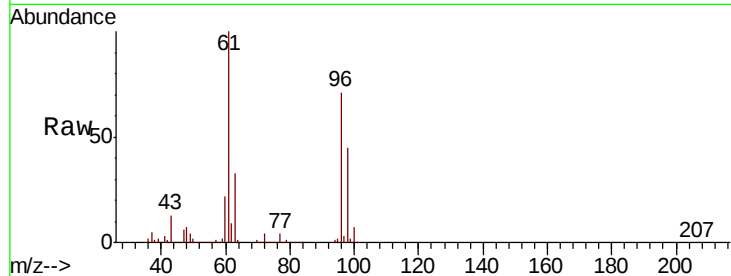




#25
2-Butanone
Concen: 254.456 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. -0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

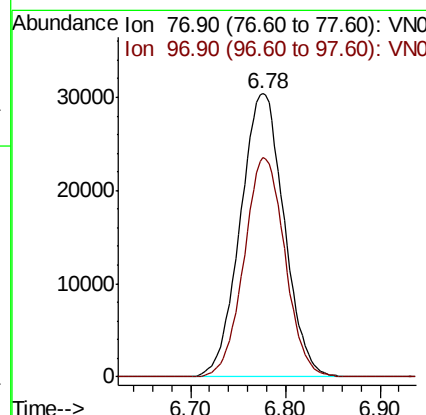
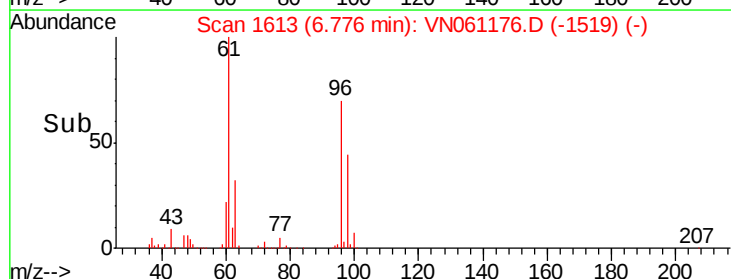
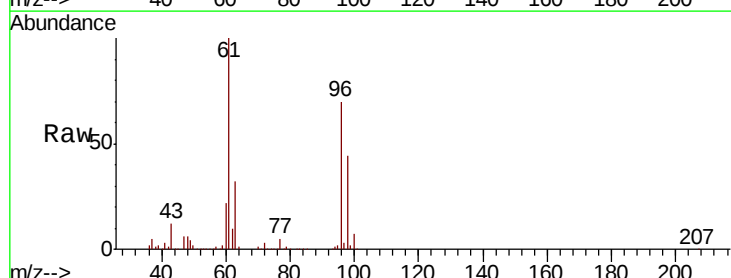
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

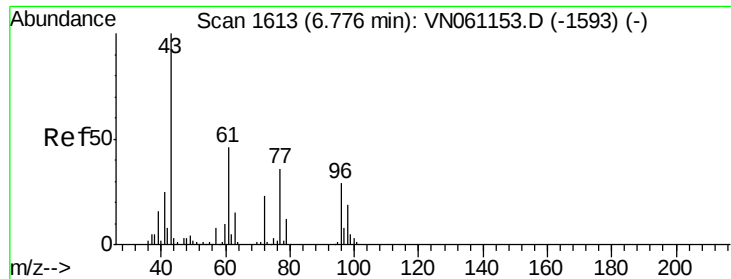
Tot Ion: 43 Resp: 236549
Ion Ratio Lower Upper
43 100
72 28.0 18.2 27.4#



#26
2,2-Dichloropropane
Concen: 49.296 ug/l
RT: 6.78 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion: 77 Resp: 97715
Ion Ratio Lower Upper
77 100
97 72.3 10.5 31.5#





#27

cis-1,2-Dichloroethene

Concen: 1045.739 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

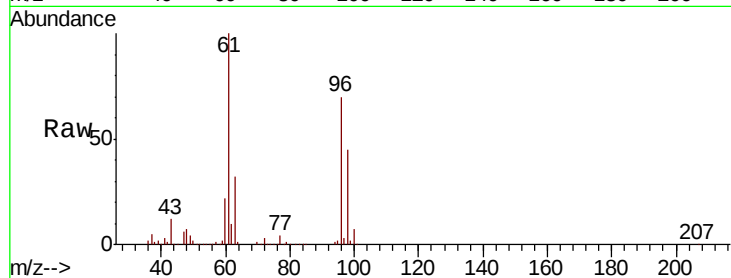
Tot Ion: 96 Resp: 1399851

Ion Ratio Lower Upper

96 100

61 141.5 0.0 322.0

98 63.9 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN061153.D (-1593) (-)

Ion 60.90 (60.60 to 61.60): VN061153.D (-1593) (-)

Ion 97.90 (97.60 to 98.60): VN061153.D (-1593) (-)

800000

600000

400000

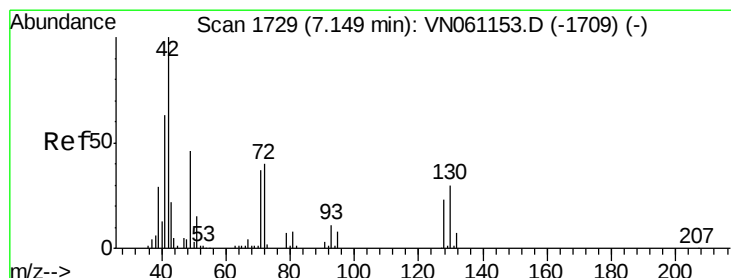
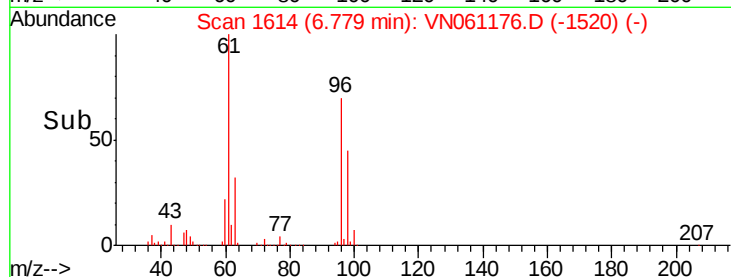
200000

0

6.60 6.70 6.80 6.90 7.00

6.78

Time-->



#28

Bromochloromethane

Concen: 52.439 ug/l

RT: 7.15 min Scan# 1729

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

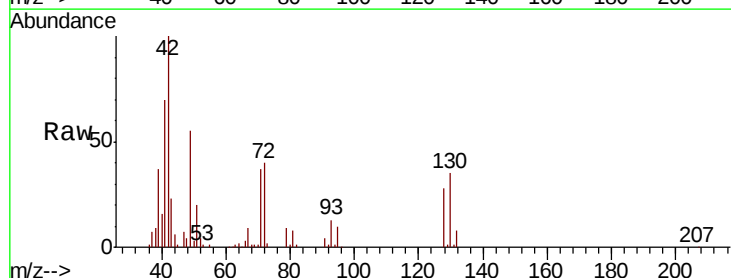
Tgt Ion: 49 Resp: 58492

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.0

130 63.1 51.4 77.2



Abundance Ion 48.90 (48.60 to 49.60): VN061153.D (-1709) (-)

Ion 128.80 (128.50 to 129.50): VN061153.D (-1709) (-)

Ion 129.80 (129.50 to 130.50): VN061153.D (-1709) (-)

25000

20000

15000

10000

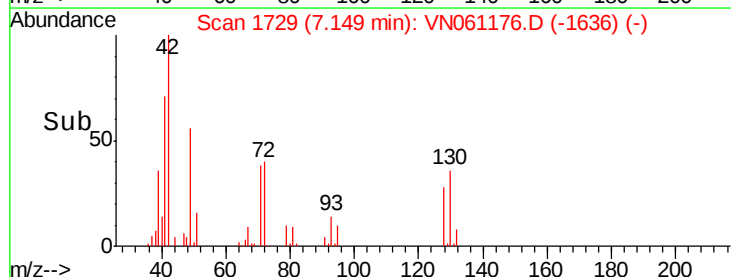
5000

0

7.10 7.20

7.15

Time-->





#29

Tetrahydrofuran

Concen: 244.906 ug/l

RT: 7.17 min Scan# 1734

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

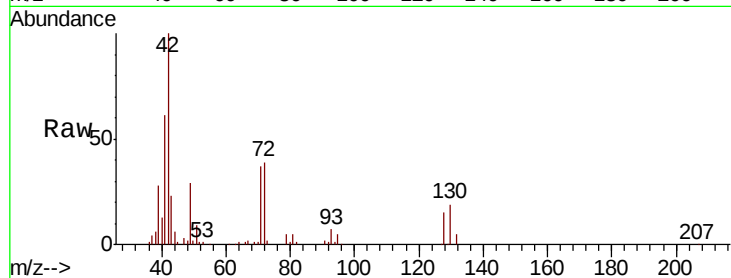
Tot Ion: 42 Resp: 153364

Ion Ratio Lower Upper

42 100

72 39.2 31.4 47.0

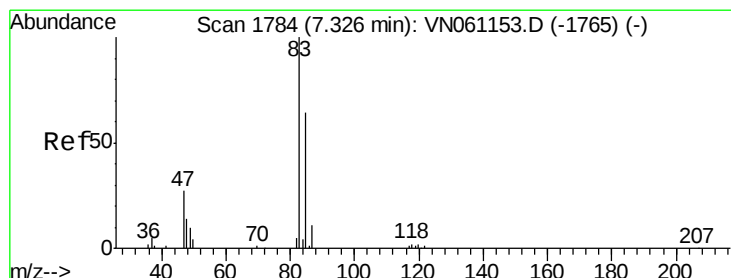
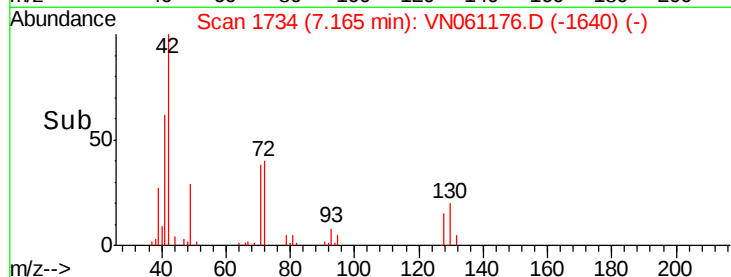
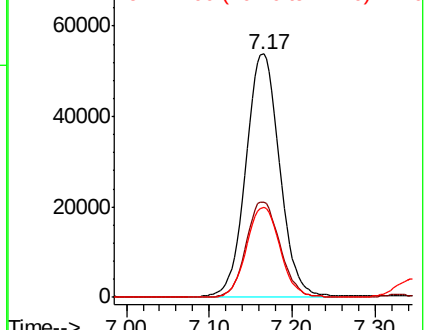
71 36.7 29.5 44.3



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 51.276 ug/l

RT: 7.33 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VN061176.D

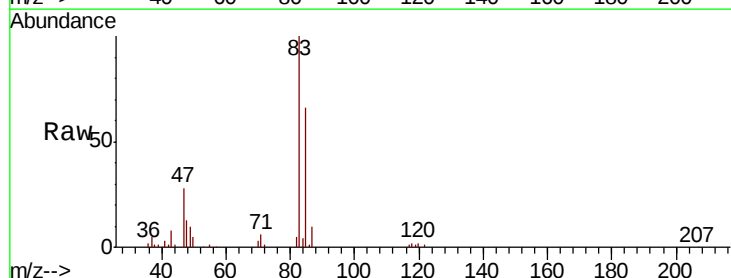
Acq: 28 Apr 2020 20:18

Tgt Ion: 83 Resp: 122286

Ion Ratio Lower Upper

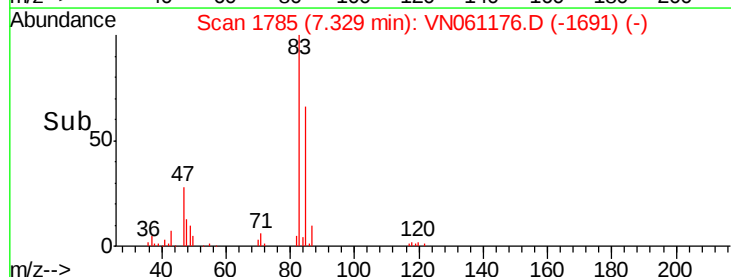
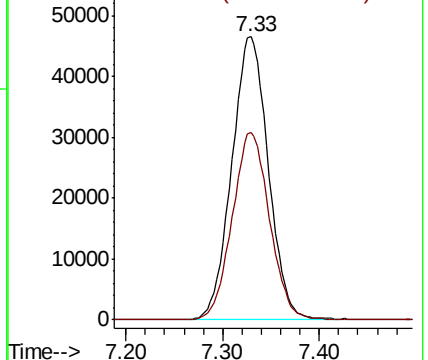
83 100

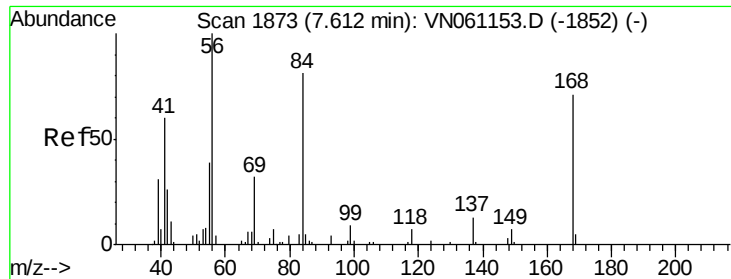
85 66.4 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

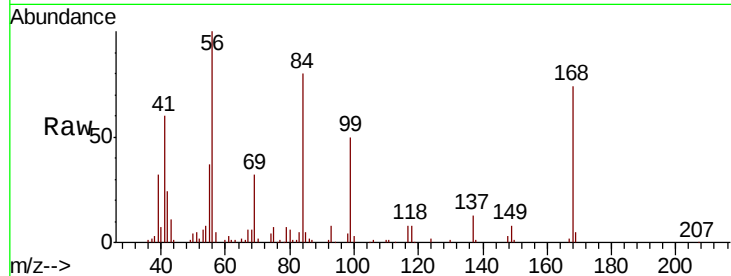




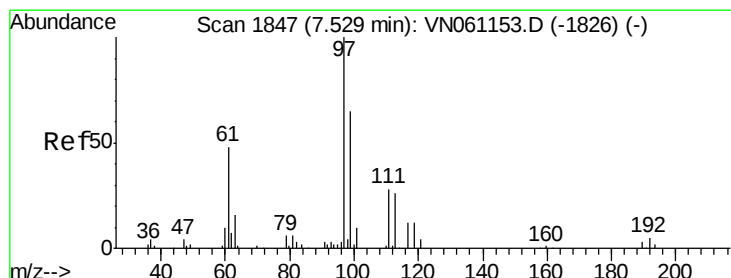
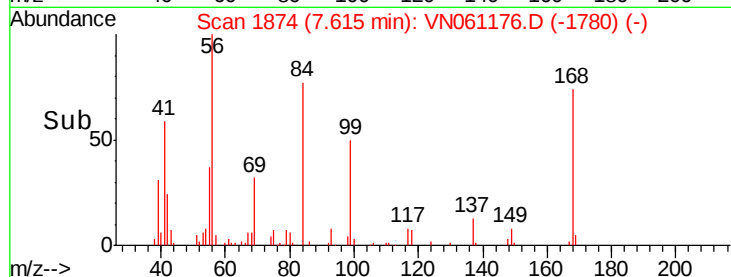
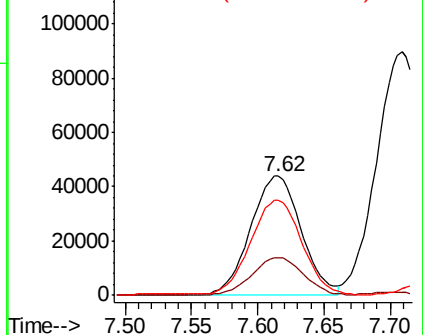
#31
Cyclohexane
Concen: 51.195 ug/l
RT: 7.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

Tot Ion: 56 Resp: 117004
Ion Ratio Lower Upper
56 100
69 31.5 25.7 38.5
84 78.4 64.6 97.0

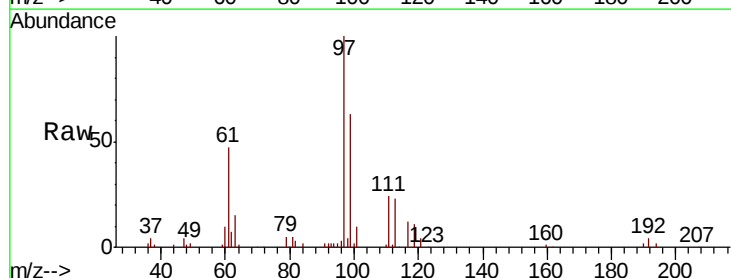


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

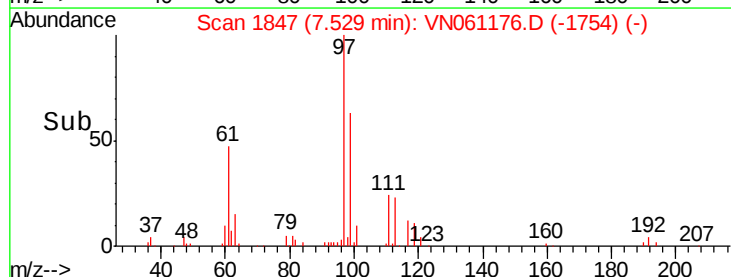
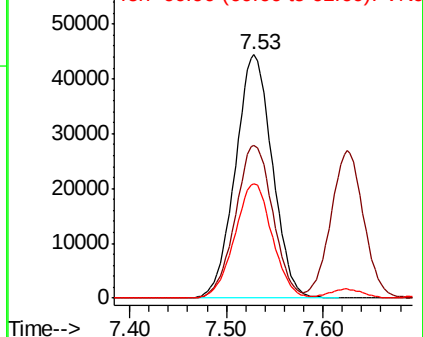


#32
1,1,1-Trichloroethane
Concen: 56.896 ug/l
RT: 7.53 min Scan# 1847
Delta R.T. -0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion: 97 Resp: 118157
Ion Ratio Lower Upper
97 100
99 63.4 51.3 76.9
61 47.8 38.6 57.8



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

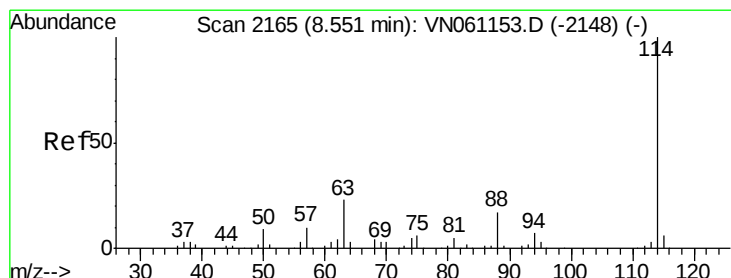
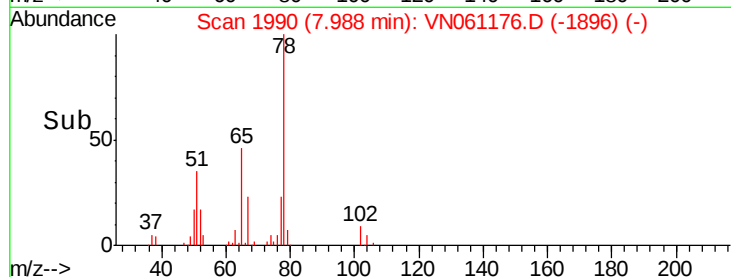
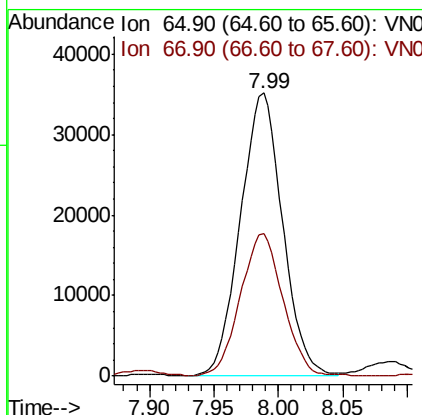
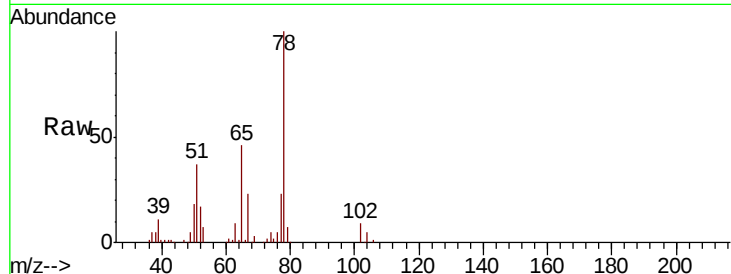




#33
 1,2-Dichloroethane-d4
 Concen: 51.189 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

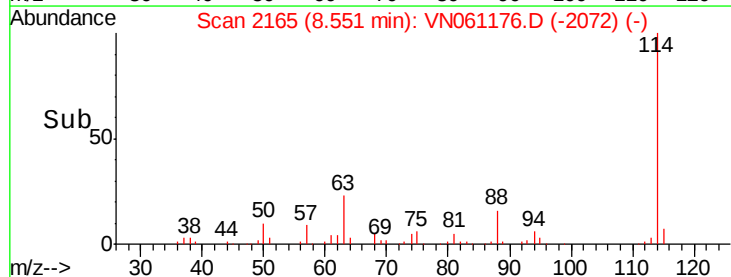
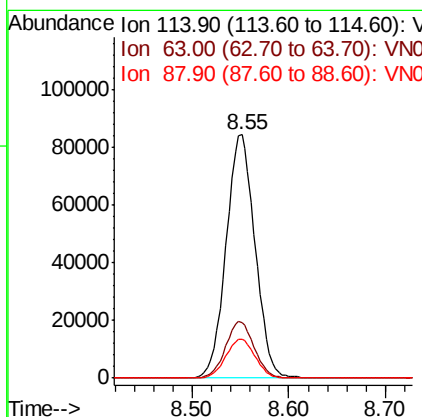
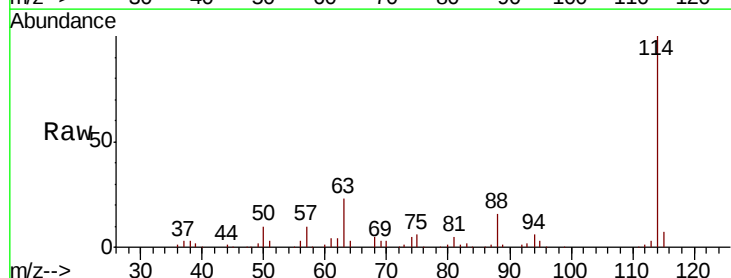
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MS

Tot Ion: 65 Resp: 80419
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Tgt Ion: 114 Resp: 175371
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.6
 88 16.0 0.0 33.4

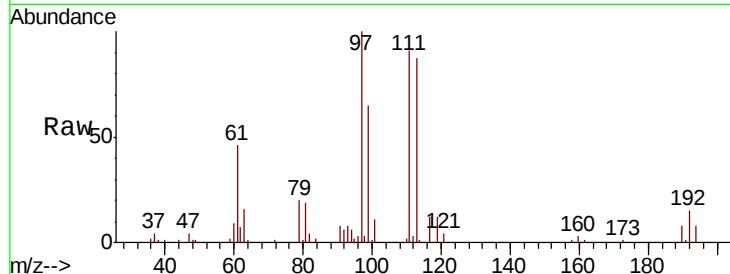




#35
 Dibromofluoromethane
 Concen: 51.034 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	18.0	14.7	22.1

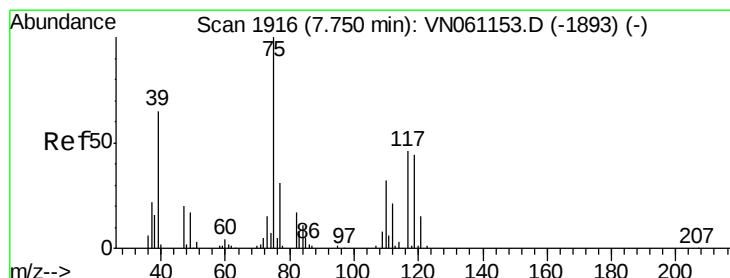
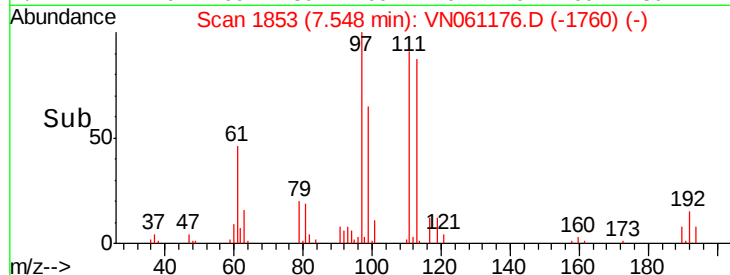
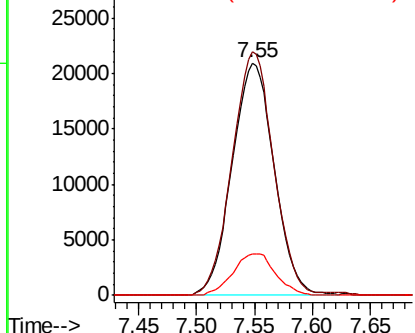


Abundance

Ion 112.80 (112.50 to 113.50): V

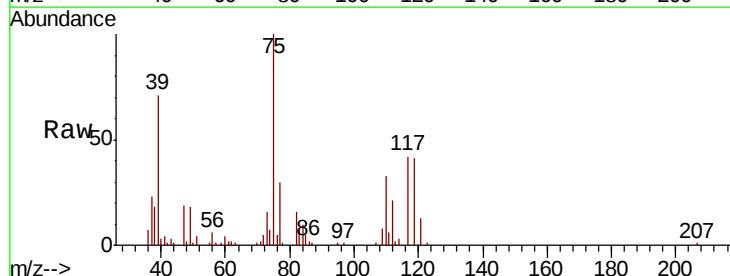
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 52.650 ug/l
 RT: 7.75 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.3	16.0	48.0
77	30.7	24.6	37.0

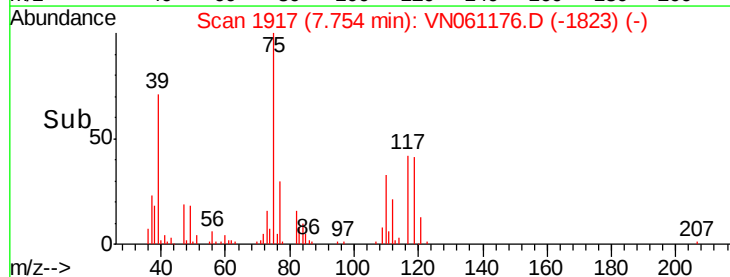
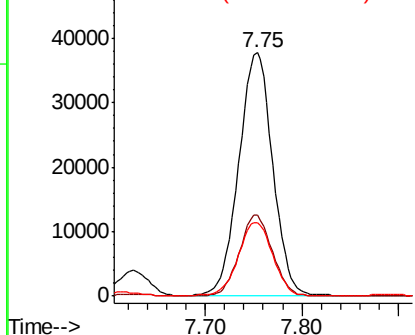


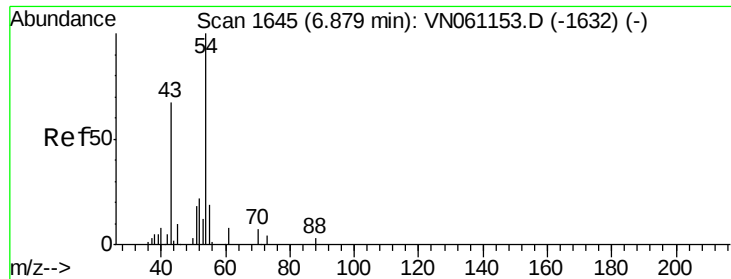
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

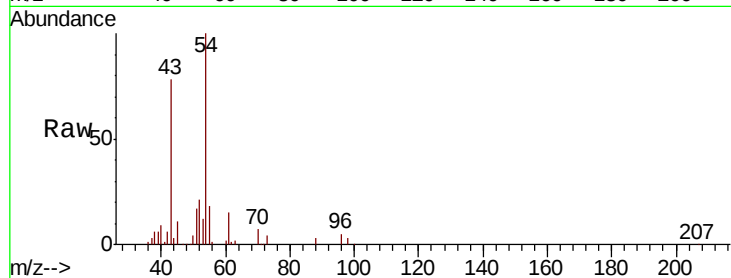




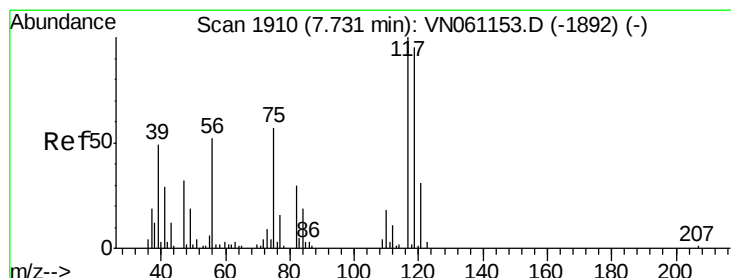
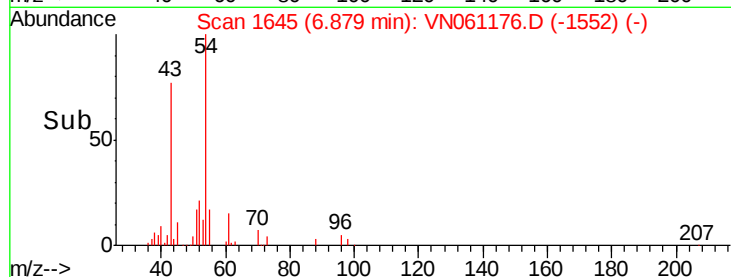
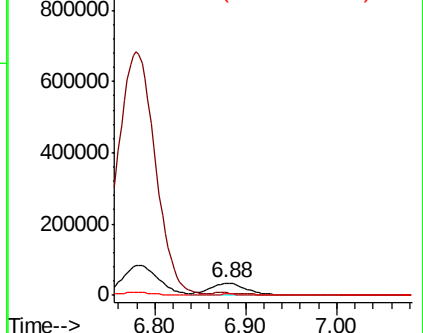
#37
Ethyl Acetate
Concen: 46.741 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

Tot Ion: 43 Resp: 96198
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.2#
70 9.0 7.2 10.8

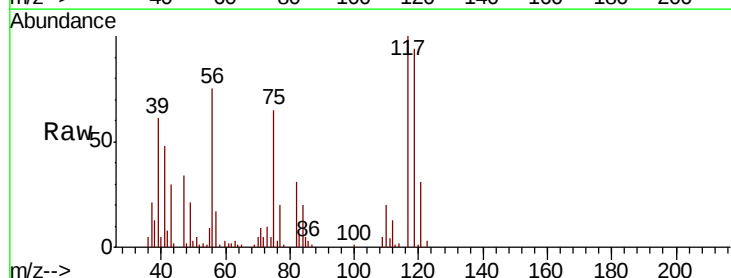


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

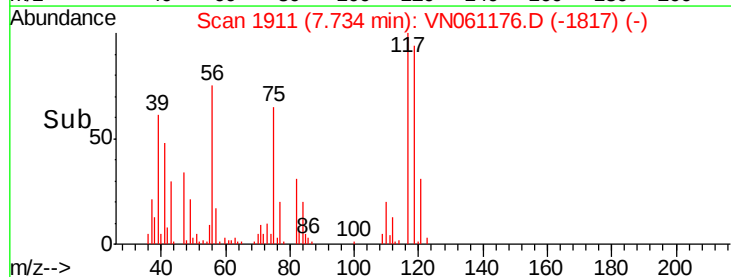
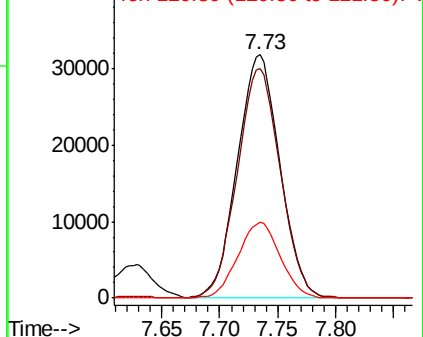


#38
Carbon Tetrachloride
Concen: 57.956 ug/l
RT: 7.73 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion: 117 Resp: 81365
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.6
121 31.0 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

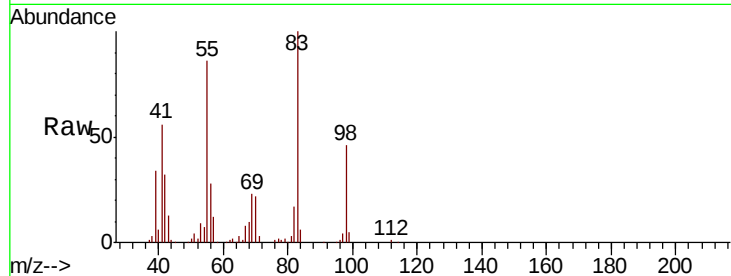




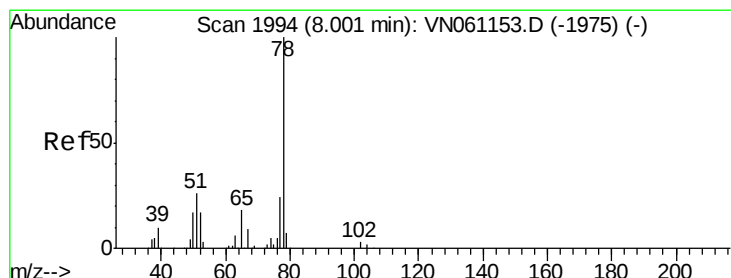
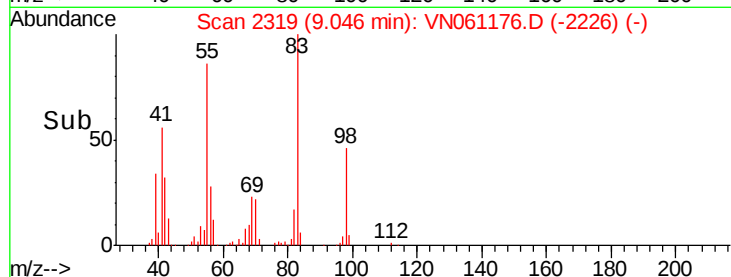
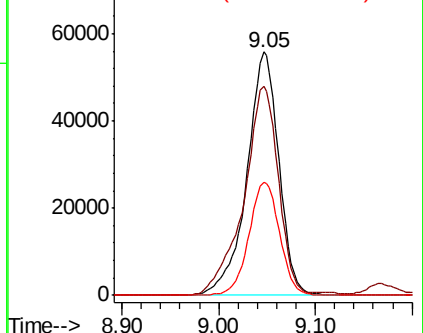
#39
Methvlcvclohexane
Concen: 61.059 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

Tot Ion: 83 Resp: 128161
Ion Ratio Lower Upper
83 100
55 86.0 67.3 100.9
98 46.3 37.7 56.5

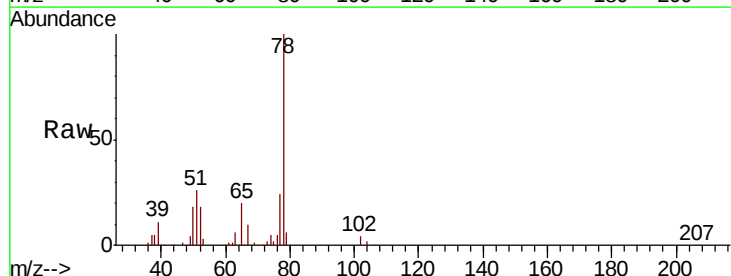


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

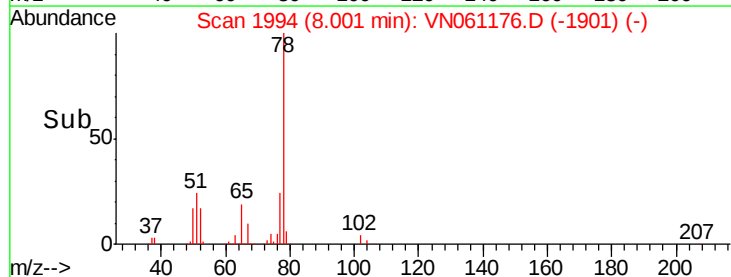
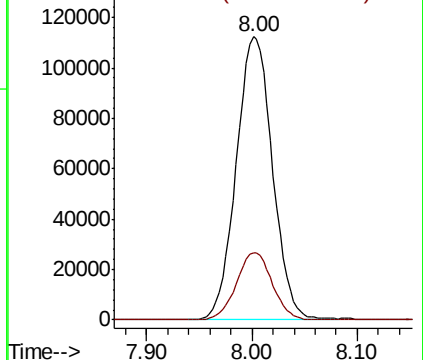


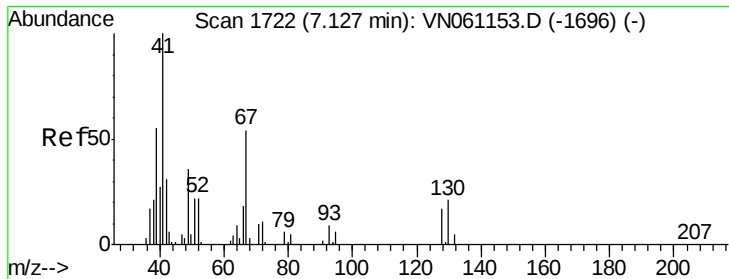
#40
Benzene
Concen: 51.276 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. -0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion: 78 Resp: 268182
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

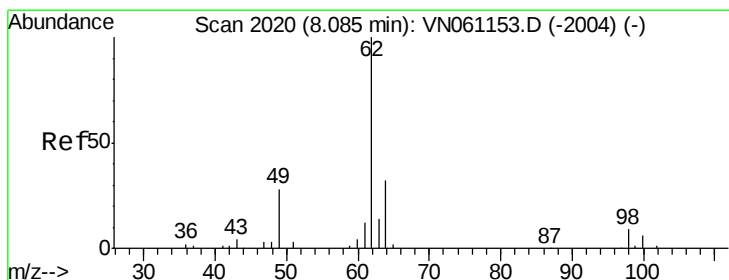
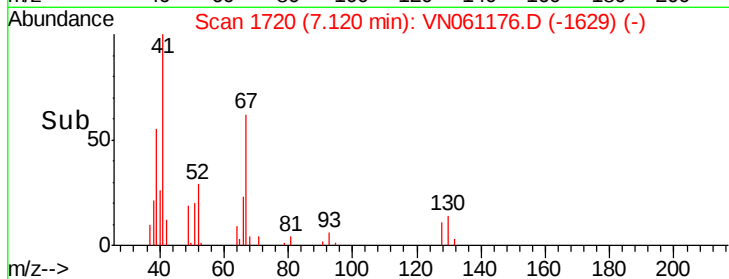
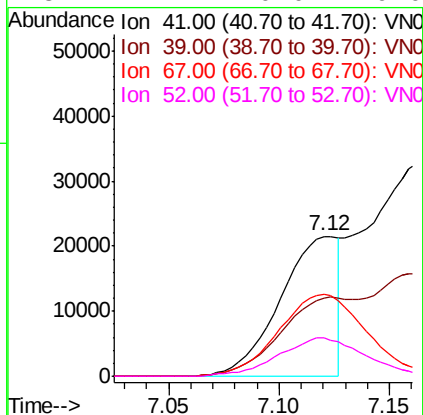
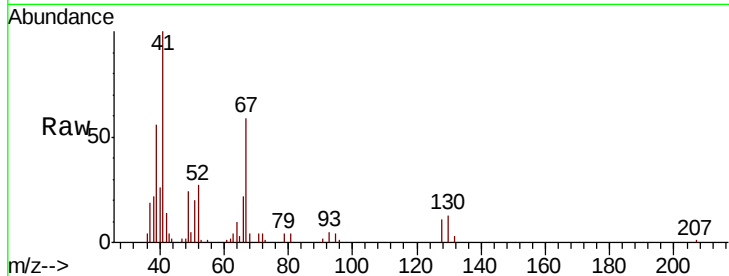




#41
Methacrylonitrile
Concen: 45.800 ug/l
RT: 7.12 min Scan# 1720
Delta R.T. -0.01 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

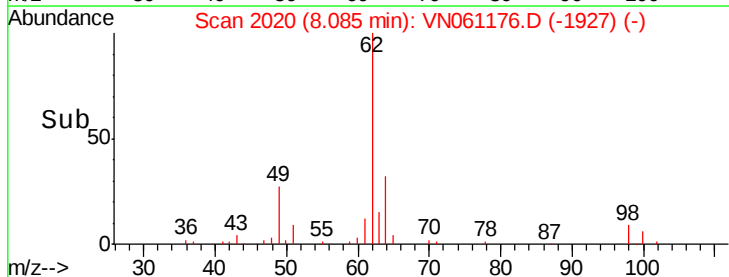
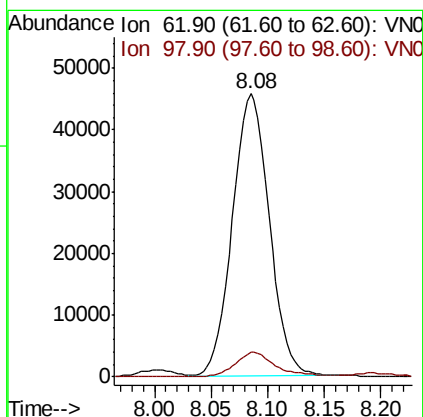
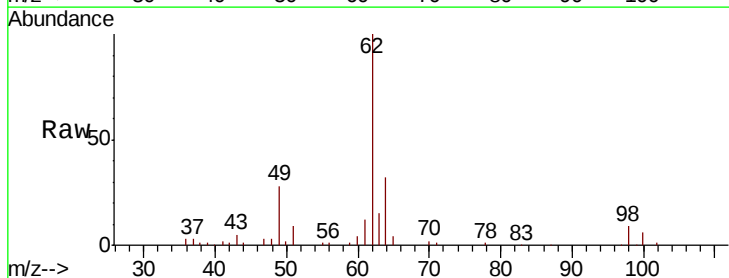
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

Tot Ion:	41	Resp:	39137
Ion	Ratio	Lower	Upper
41	100		
39	68.3	0.0	0.0#
67	89.6	0.0	0.0#
52	41.7	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 52.335 ug/l
RT: 8.08 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion:	62	Resp:	103696
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	16.8





#43

Isopropyl Acetate

Concen: 63.928 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

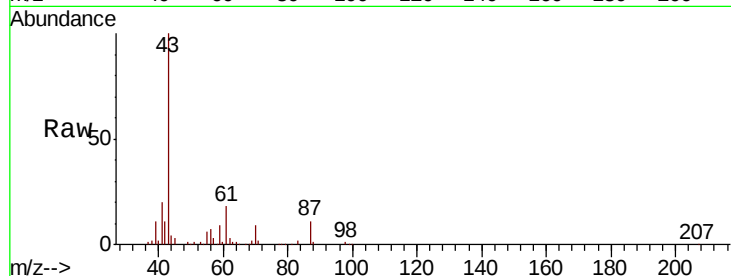
Tot Ion: 43 Resp: 218354

Ion Ratio Lower Upper

43 100

61 14.3 19.5 29.3#

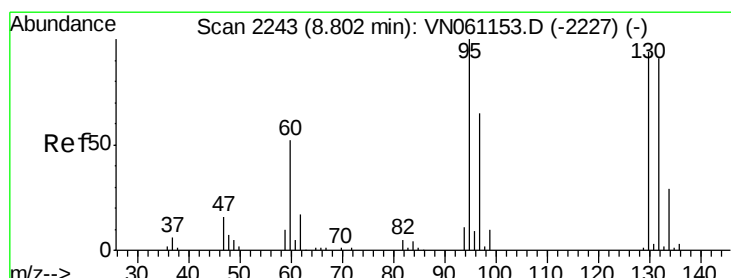
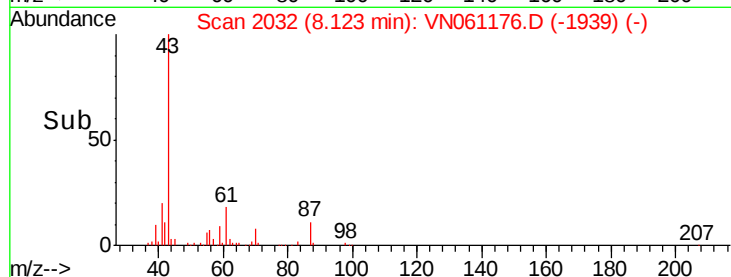
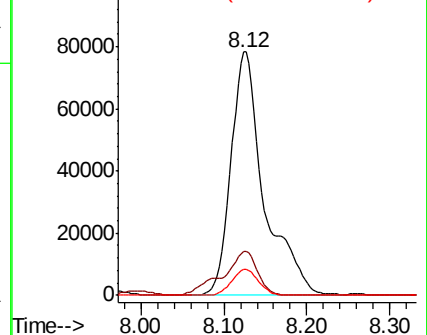
87 8.5 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#44

Trichloroethene

Concen: 58.156 ug/l

RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061176.D

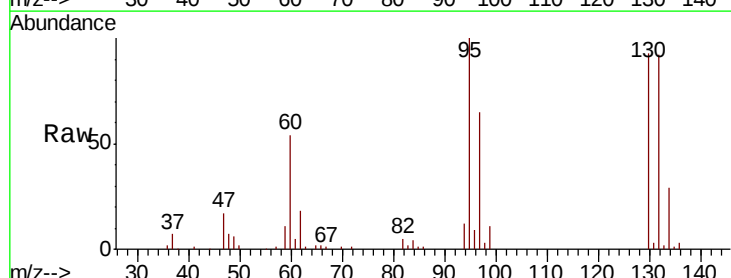
Acq: 28 Apr 2020 20:18

Tgt Ion: 130 Resp: 82226

Ion Ratio Lower Upper

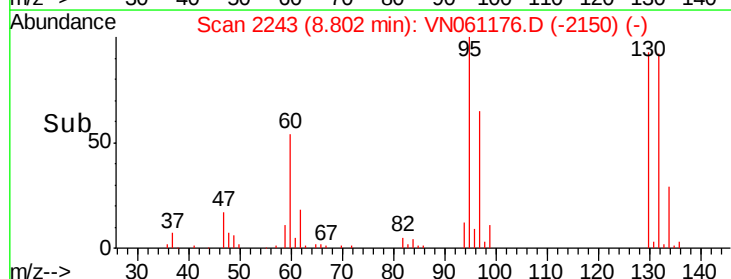
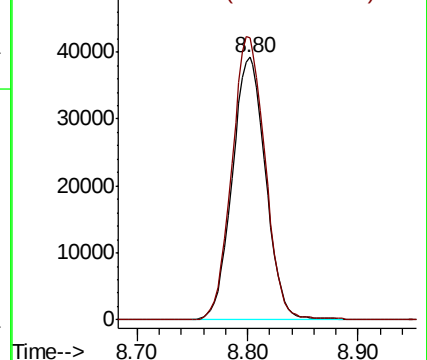
130 100

95 107.6 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)

Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)





#45

1,2-Dichloropropane

Concen: 51.114 ug/l

RT: 9.08 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

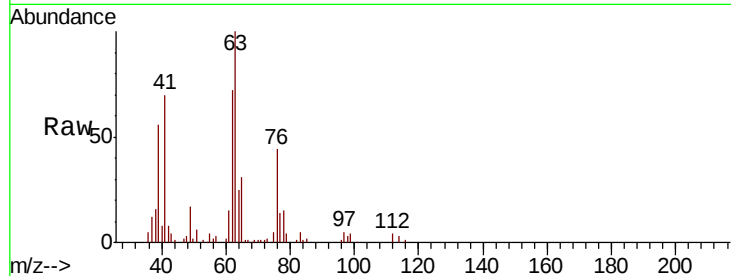
ST006RW149-200422MS

Tot Ion: 63 Resp: 71421

Ion Ratio Lower Upper

63 100

65 30.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN061153.D (-2310) (-)

Ion 64.90 (64.60 to 65.60): VN061153.D (-2310) (-)

9.08

40000

30000

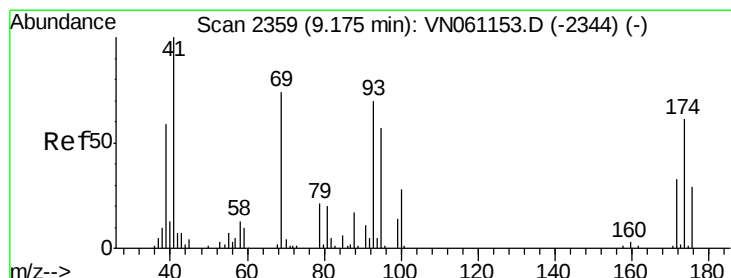
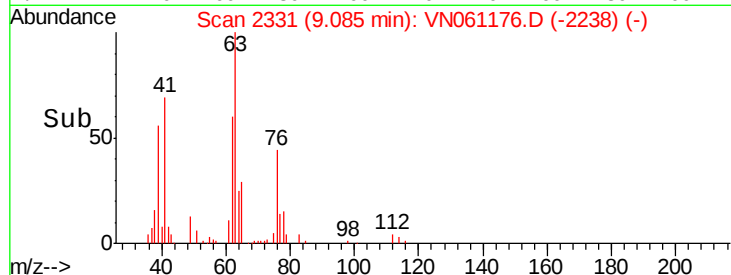
20000

10000

0

9.00 9.10 9.20

Time-->



#46

Dibromomethane

Concen: 53.923 ug/l

RT: 9.17 min Scan# 2359

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

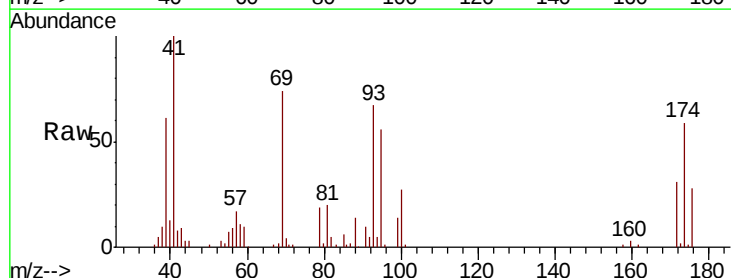
Tgt Ion: 93 Resp: 46652

Ion Ratio Lower Upper

93 100

95 81.8 66.6 99.8

174 87.0 70.2 105.2



Abundance Ion 92.80 (92.50 to 93.50): VN061153.D (-2344) (-)

Ion 94.80 (94.50 to 95.50): VN061153.D (-2344) (-)

Ion 173.70 (173.40 to 174.40): VN061153.D (-2344) (-)

9.17

30000

25000

20000

15000

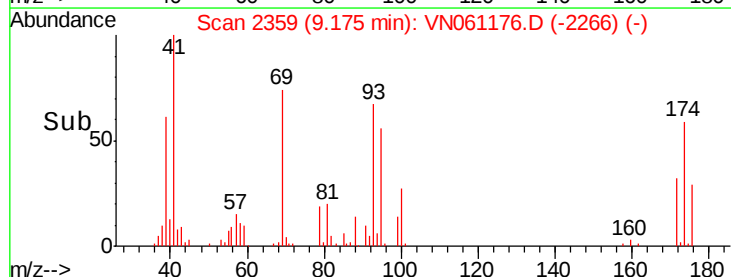
10000

5000

0

9.10 9.15 9.20 9.25

Time-->





#47

Bromodichloromethane

Concen: 53.962 ug/l

RT: 9.37 min Scan# 2420

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

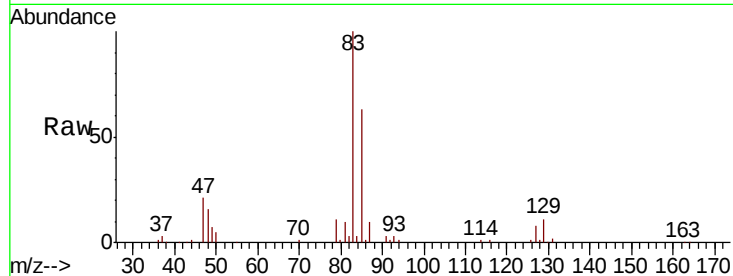
Tot Ion: 83 Resp: 100206

Ion Ratio Lower Upper

83 100

85 62.8 50.4 75.6

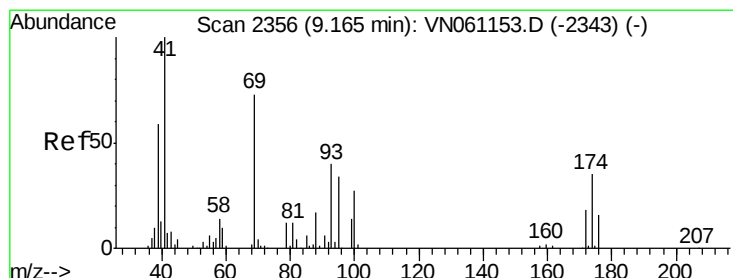
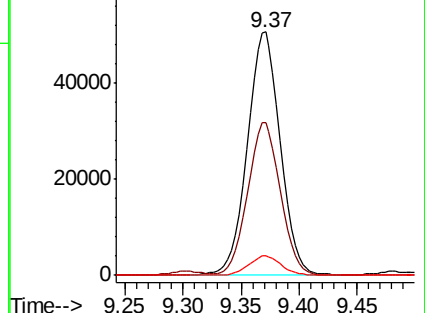
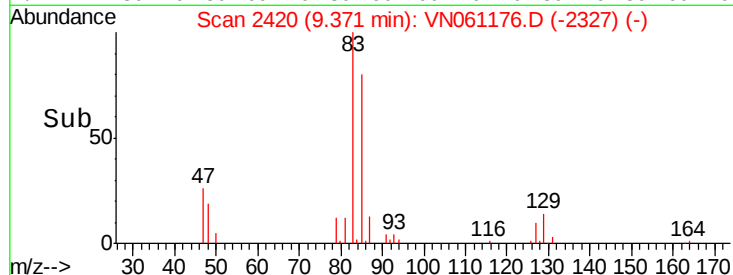
127 8.0 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061176.D (-2327) (-)

Ion 84.90 (84.60 to 85.60): VN061176.D (-2327) (-)

Ion 126.80 (126.50 to 127.50): VN061176.D (-2327) (-)



#48

Methyl methacrylate

Concen: 51.896 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

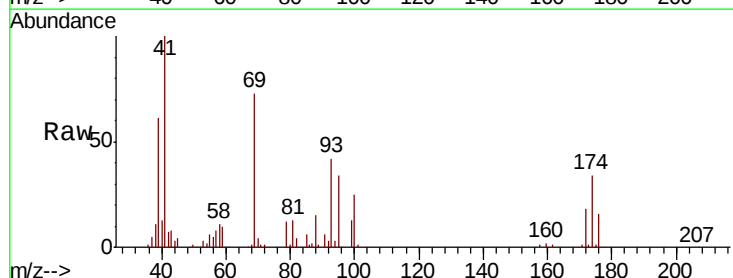
Tgt Ion: 41 Resp: 79987

Ion Ratio Lower Upper

41 100

69 74.1 60.3 90.5

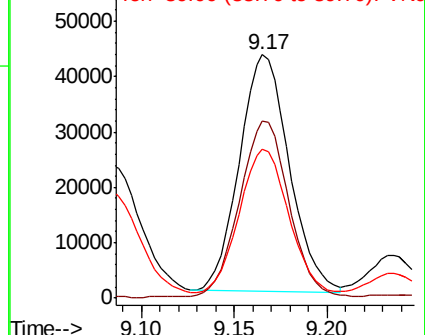
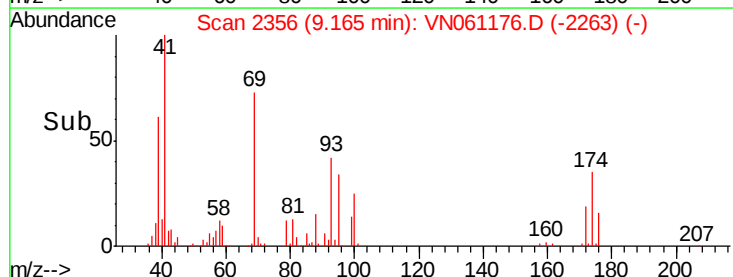
39 60.7 47.4 71.0



Abundance Ion 41.00 (40.70 to 41.70): VN061176.D (-2263) (-)

Ion 69.00 (68.70 to 69.70): VN061176.D (-2263) (-)

Ion 39.00 (38.70 to 39.70): VN061176.D (-2263) (-)

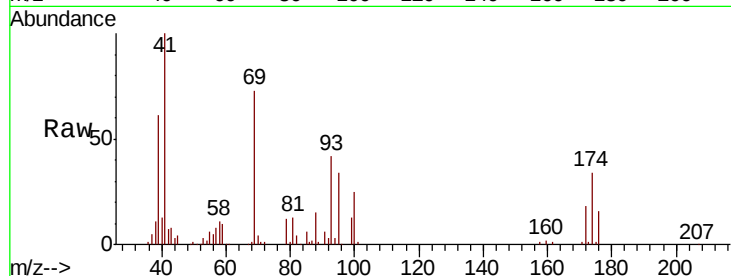




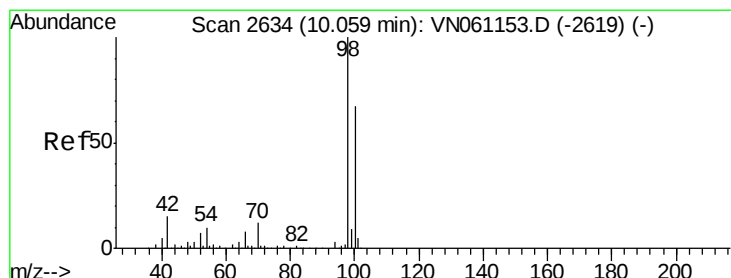
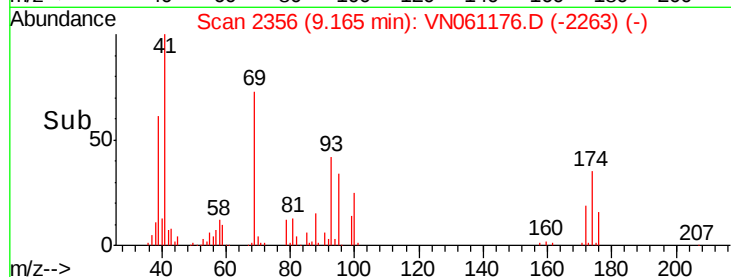
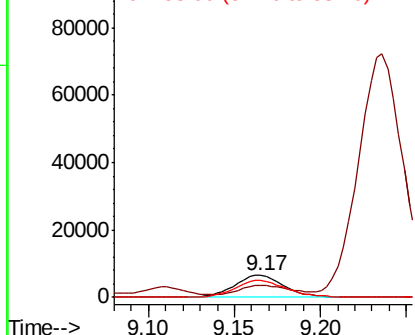
#49
1,4-Dioxane
Concen: 743.439 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

Tot Ion: 88 Resp: 13007
Ion Ratio Lower Upper
88 100
43 61.8 35.3 52.9#
58 80.7 61.5 92.3

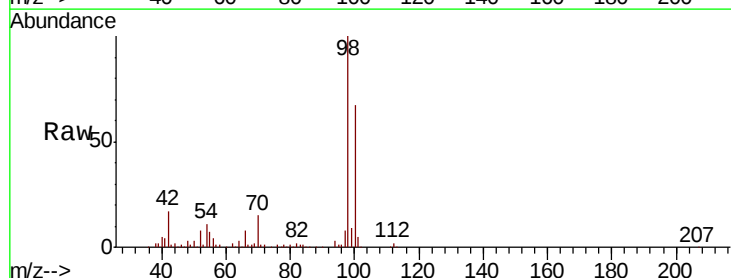


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

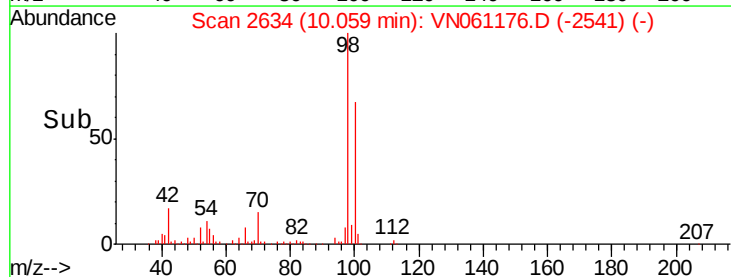
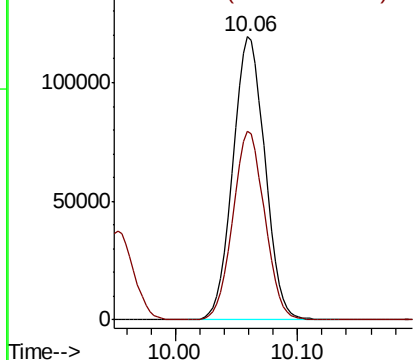


#50
Toluene-d8
Concen: 51.525 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion: 98 Resp: 217815
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

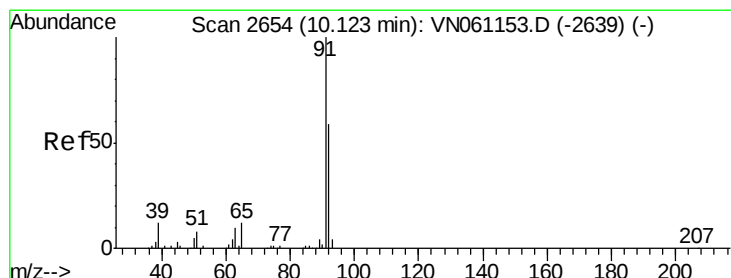
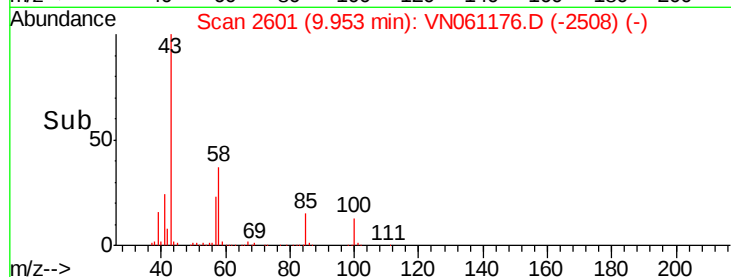
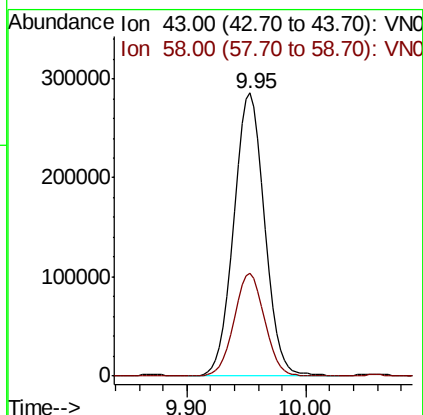
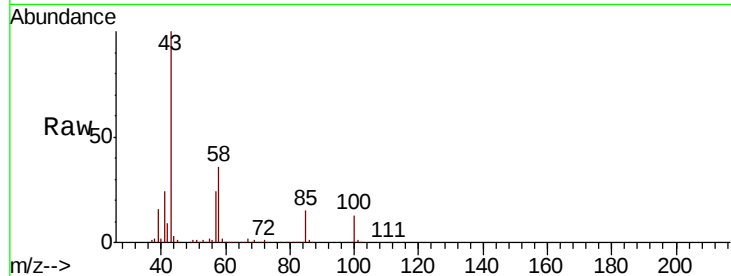




#51
 4-Methyl-2-Pentanone
 Concen: 254.161 ug/l
 RT: 9.95 min Scan# 2601
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

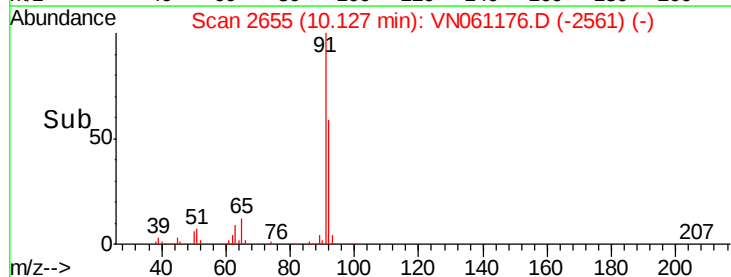
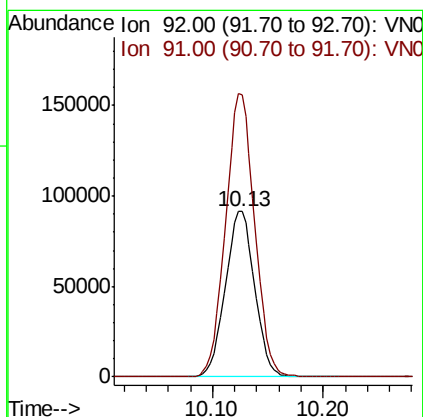
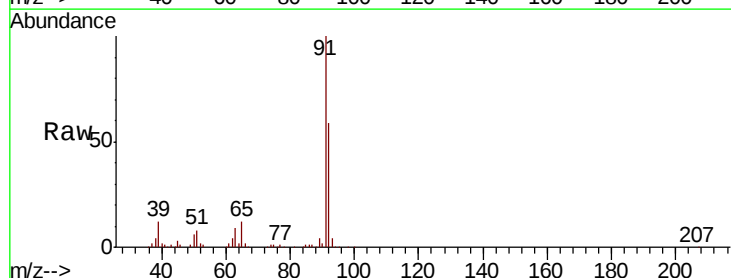
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MS

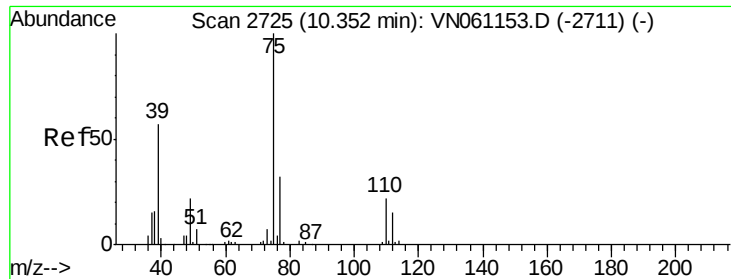
Tot Ion: 43 Resp: 510989
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.1 43.7



#52
 Toluene
 Concen: 53.384 ug/l
 RT: 10.13 min Scan# 2655
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Tgt Ion: 92 Resp: 168177
 Ion Ratio Lower Upper
 92 100
 91 169.9 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 52.313 ug/l

RT: 10.35 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

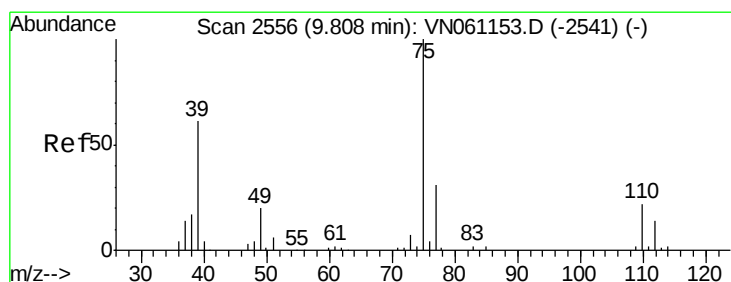
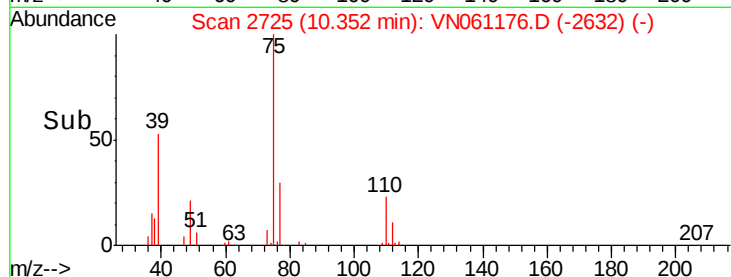
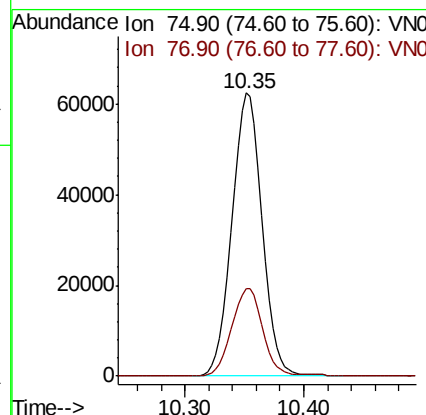
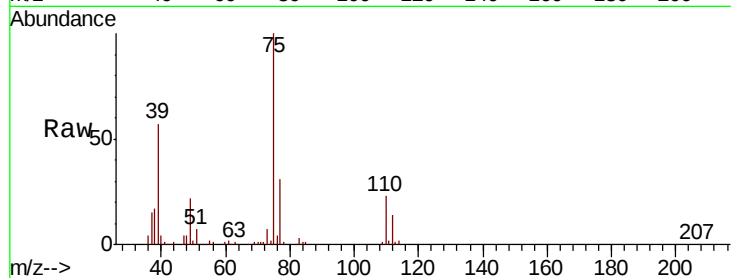
ST006RW149-200422MS

Tot Ion: 75 Resp: 109461

Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 51.290 ug/l

RT: 9.81 min Scan# 2556

Delta R.T. -0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

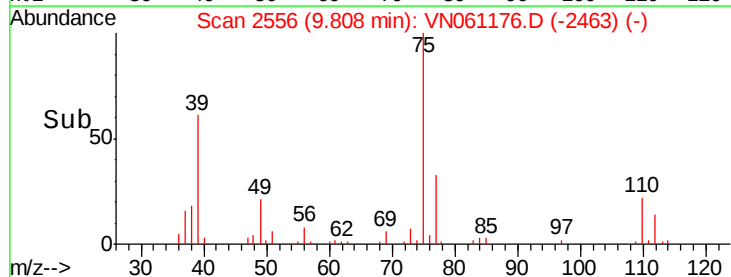
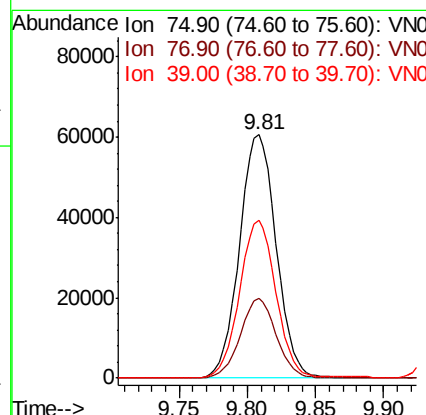
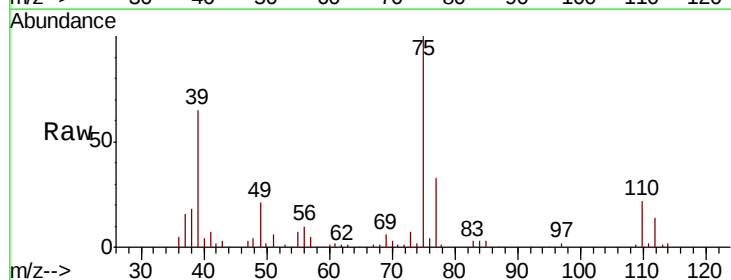
Tgt Ion: 75 Resp: 113459

Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.4

39 64.8 48.7 73.1

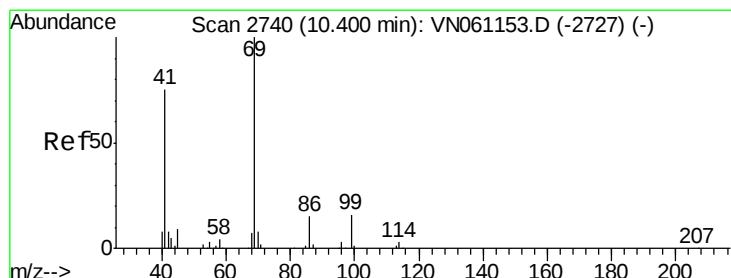
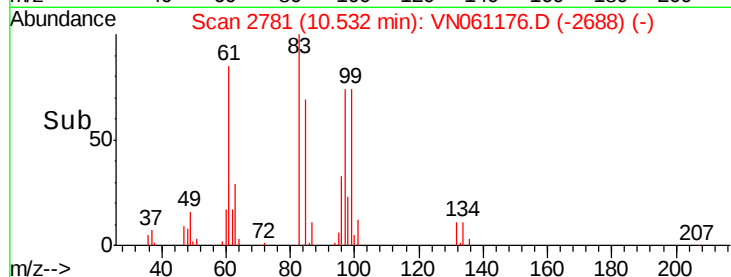
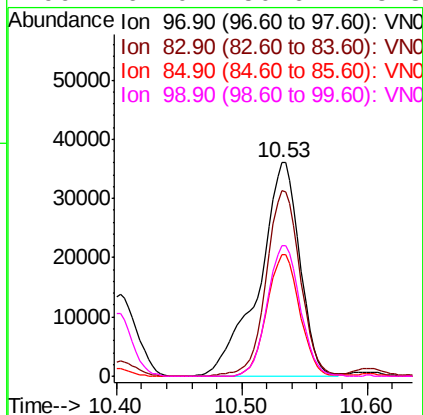
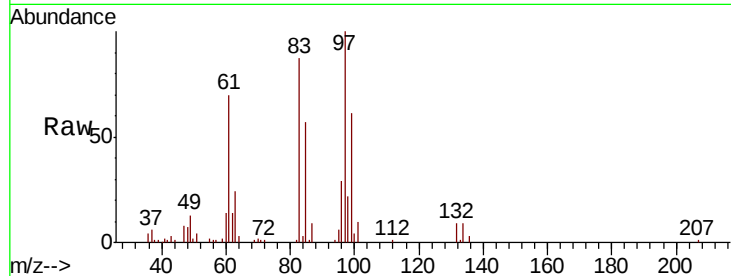




#55
 1,1,2-Trichloroethane
 Concen: 64.717 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

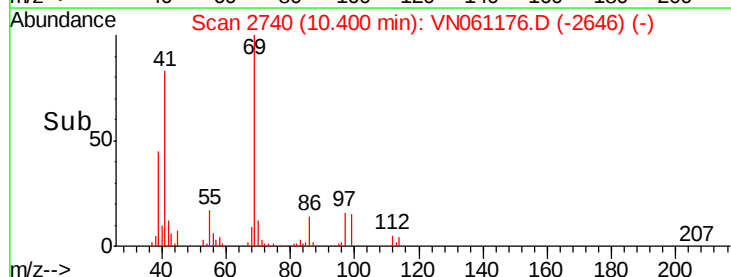
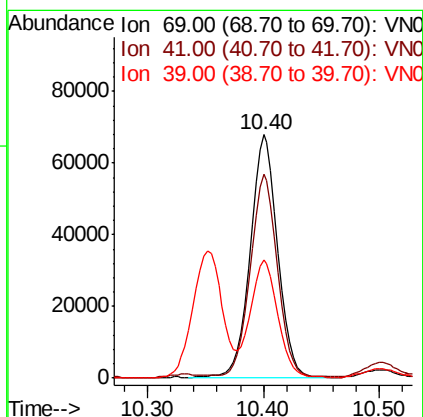
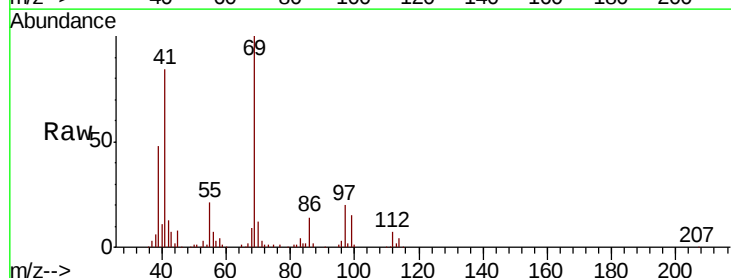
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MS

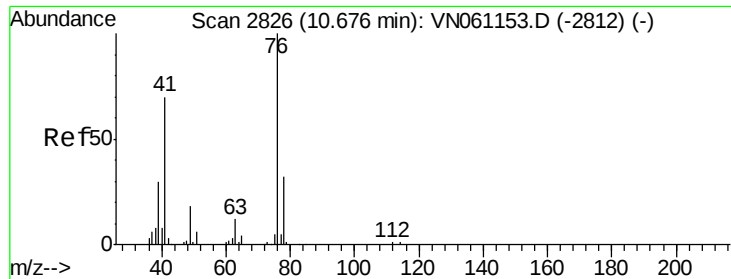
Tot Ion:	97	Resp:	81321
Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.6	106.0
85	56.9	46.4	69.6
99	61.0	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 50.777 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Tgt Ion:	69	Resp:	111284
Ion	Ratio	Lower	Upper
69	100		
41	83.2	60.3	90.5
39	48.4	35.9	53.9

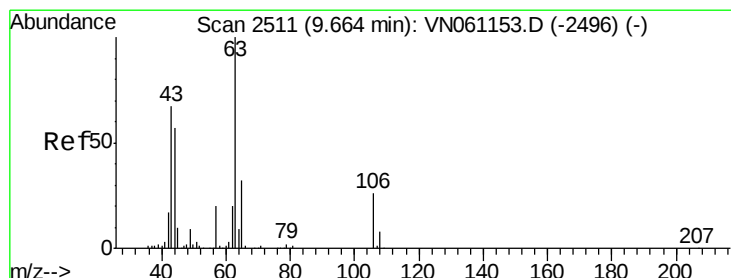
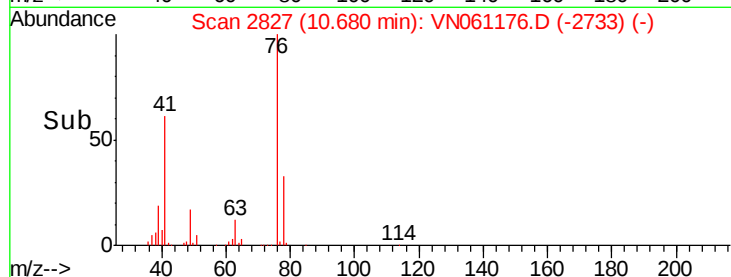
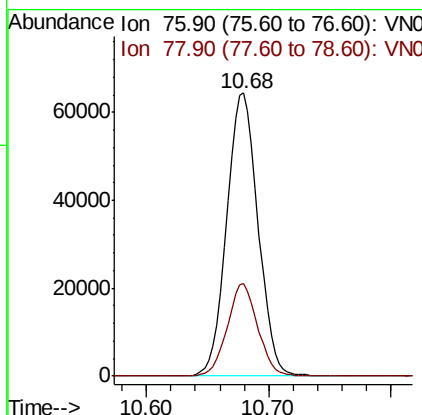
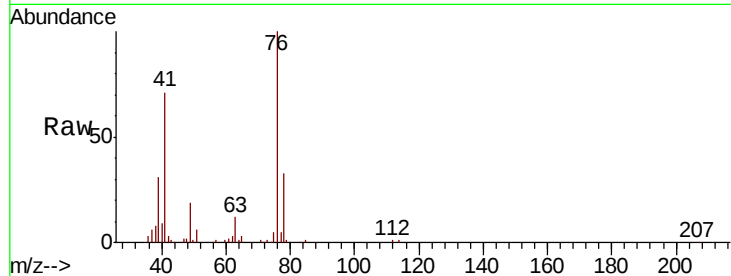




#57
 1,3-Dichloropropane
 Concen: 52.246 ug/l
 RT: 10.68 min Scan# 2827
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

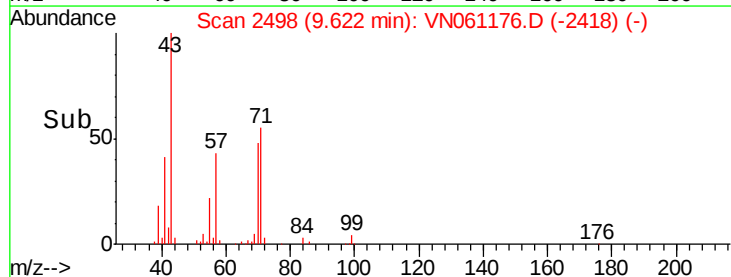
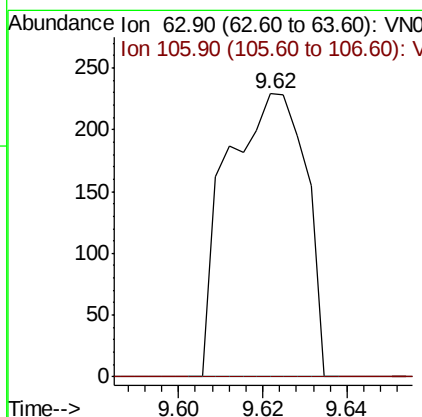
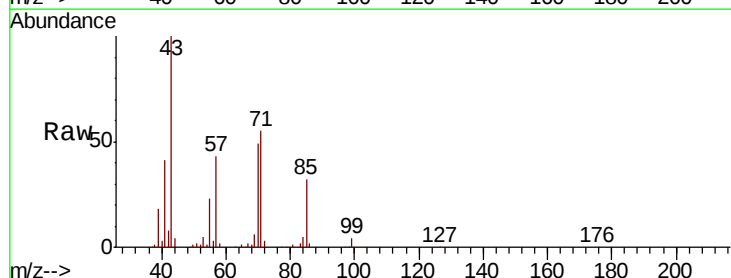
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MS

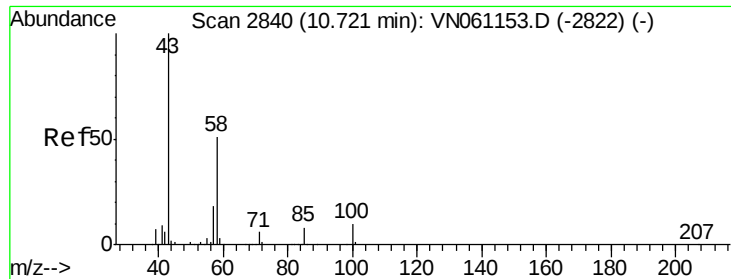
Tot Ion: 76 Resp: 115397
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.292 ug/l
 RT: 9.62 min Scan# 2498
 Delta R.T. -0.04 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Tgt Ion: 63 Resp: 297
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.6 30.8#

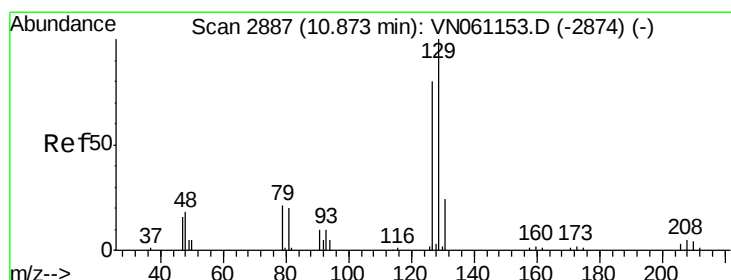
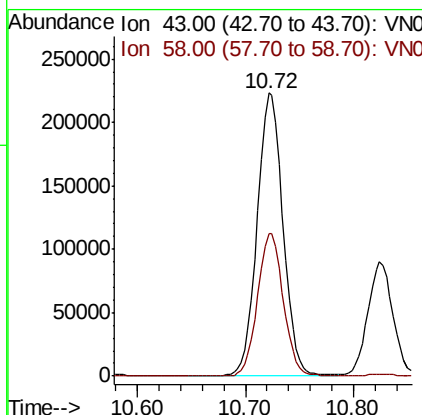
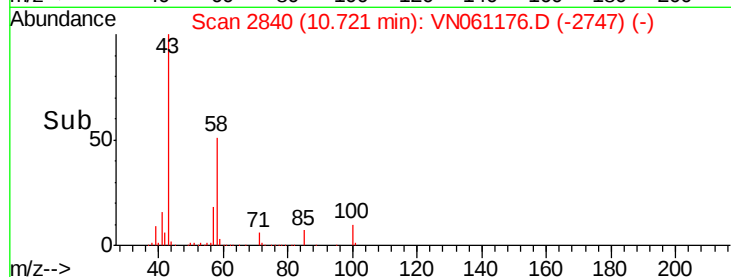
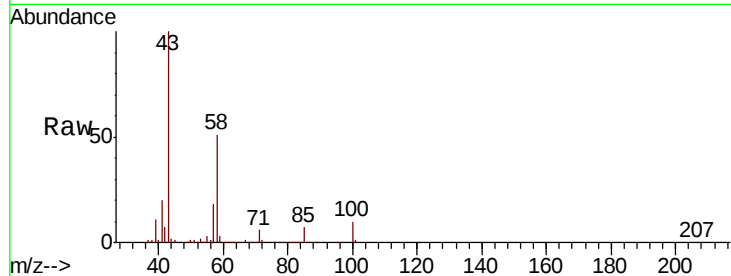




#59
2-Hexanone
Concen: 254.158 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

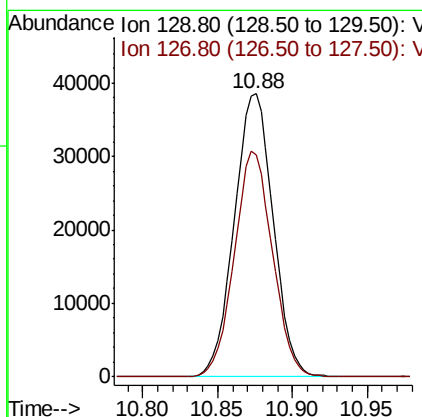
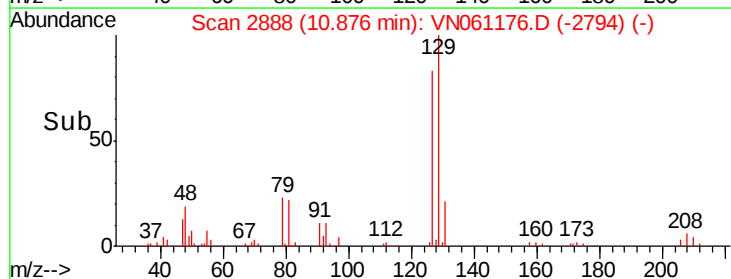
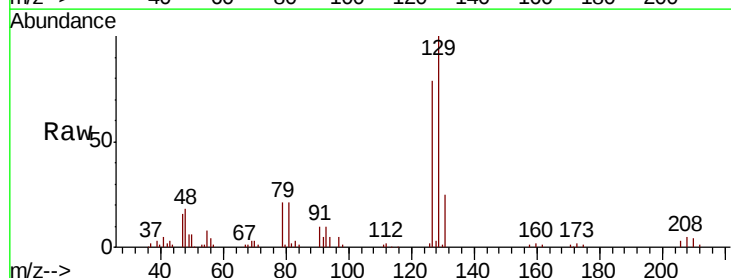
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

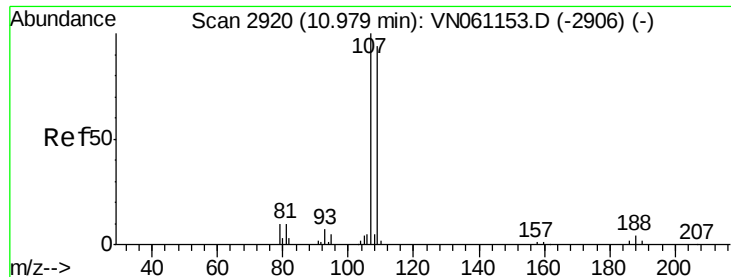
Tot Ion: 43 Resp: 371750
Ion Ratio Lower Upper
43 100
58 50.3 25.4 76.4



#60
Dibromochloromethane
Concen: 53.076 ug/l
RT: 10.88 min Scan# 2888
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion: 129 Resp: 69851
Ion Ratio Lower Upper
129 100
127 78.0 39.3 117.8

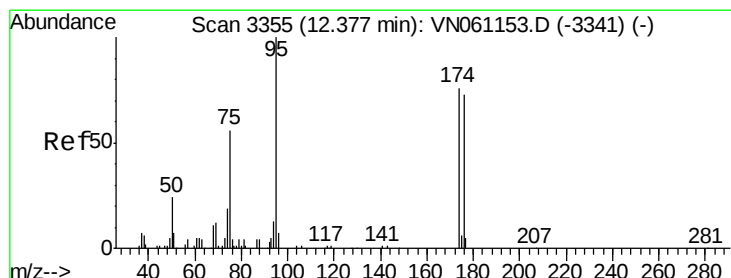
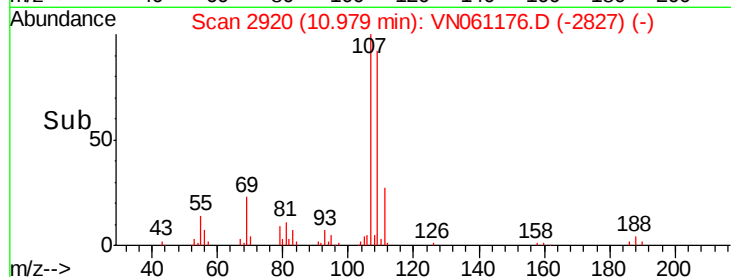
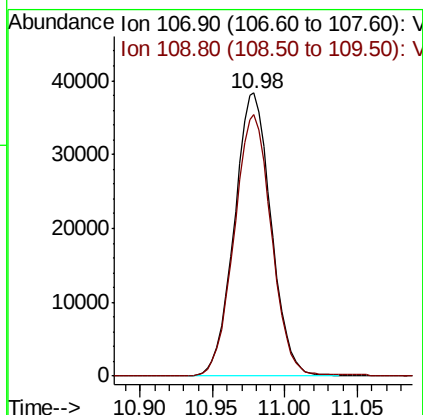
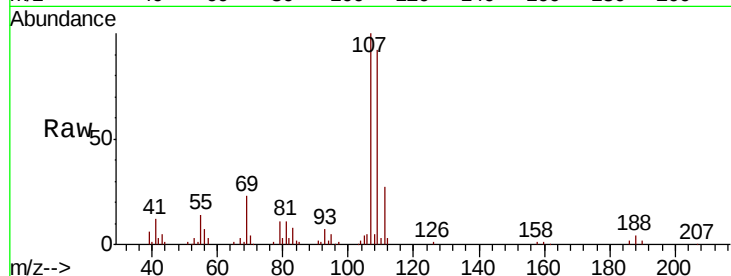




#61
 1,2-Dibromoethane
 Concen: 53.636 ug/l
 RT: 10.98 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

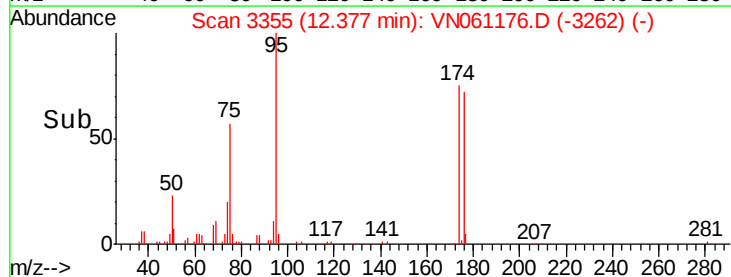
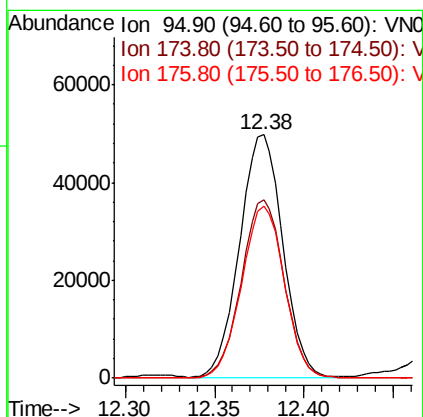
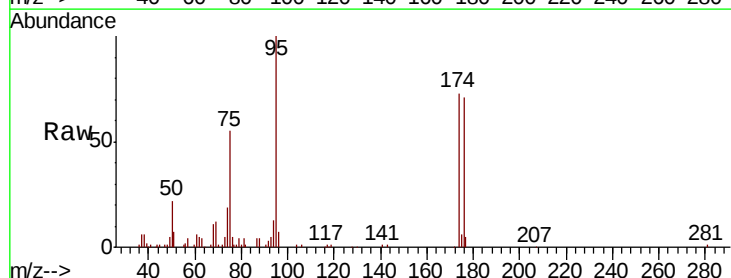
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MS

Tot Ion: 107 Resp: 67552
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 52.369 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Tgt Ion: 95 Resp: 83311
 Ion Ratio Lower Upper
 95 100
 174 73.3 0.0 149.4
 176 70.7 0.0 144.8

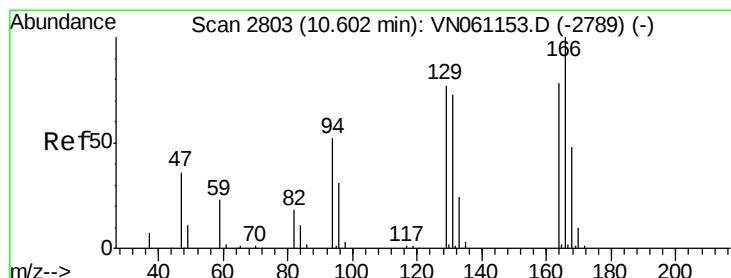
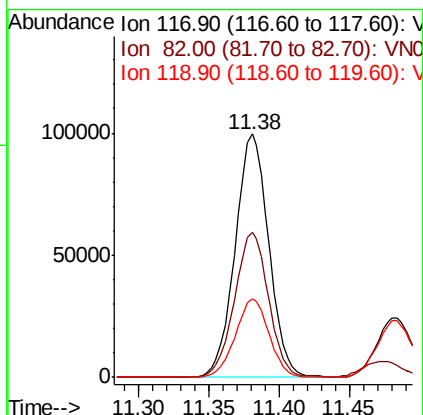
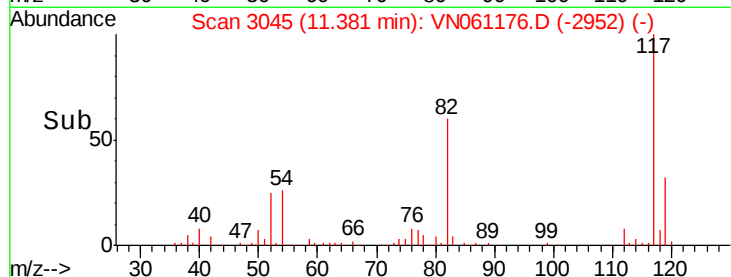
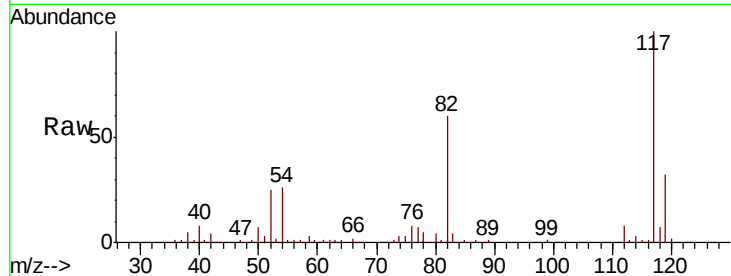




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. -0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

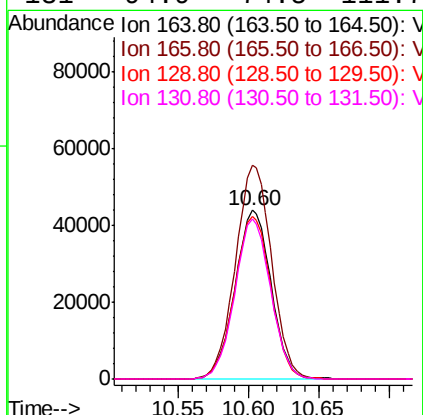
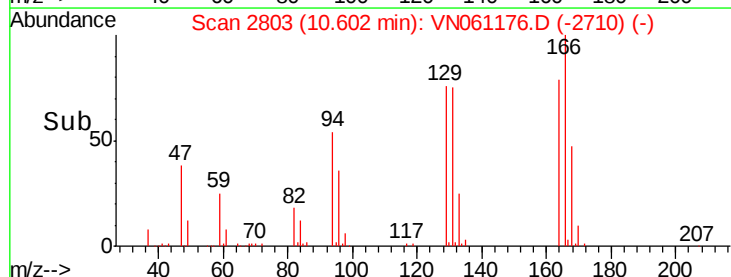
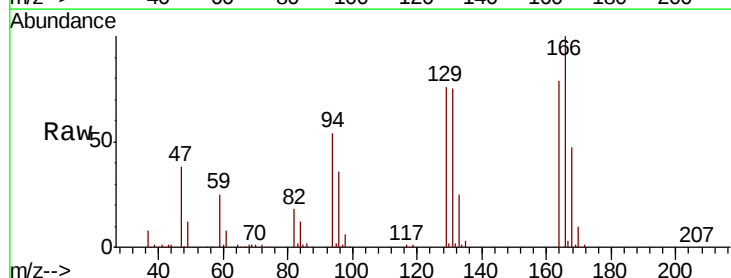
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

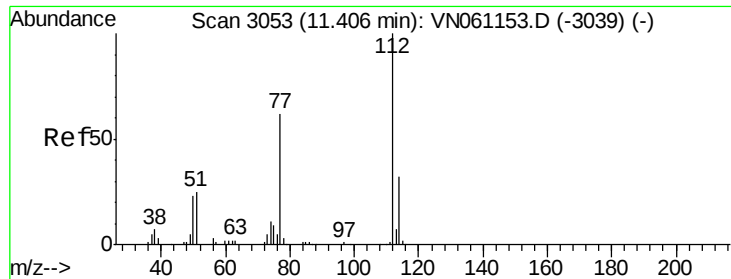
Tot Ion:117 Resp: 166380
Ion Ratio Lower Upper
117 100
82 59.7 47.8 71.8
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 54.798 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion:164 Resp: 78966
Ion Ratio Lower Upper
164 100
166 126.7 102.0 153.0
129 96.8 78.2 117.2
131 94.9 74.5 111.7





#65

Chlorobenzene

Concen: 52.335 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

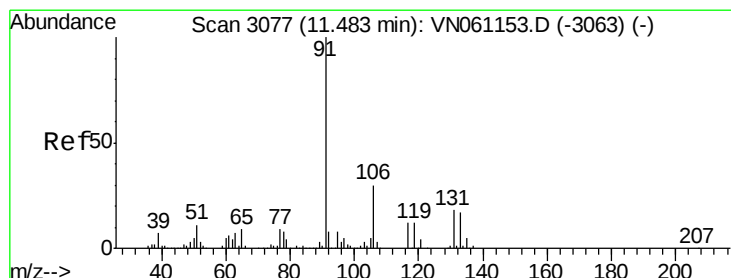
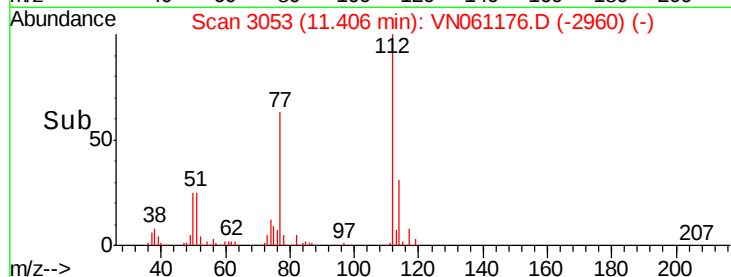
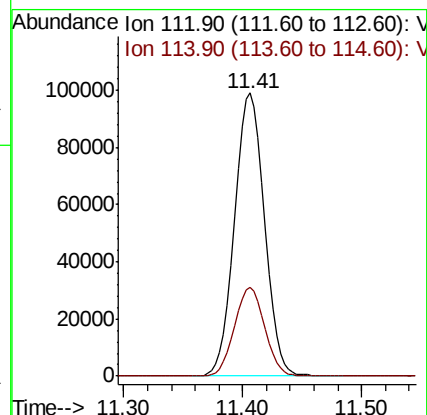
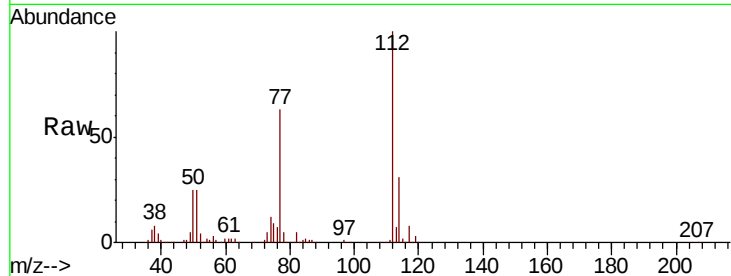
ST006RW149-200422MS

Tot Ion:112 Resp: 172727

Ion Ratio Lower Upper

112 100

114 31.3 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 54.051 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

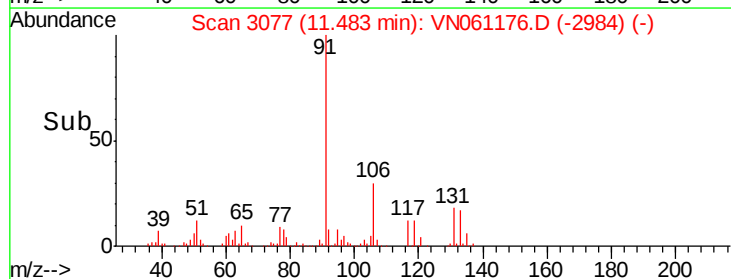
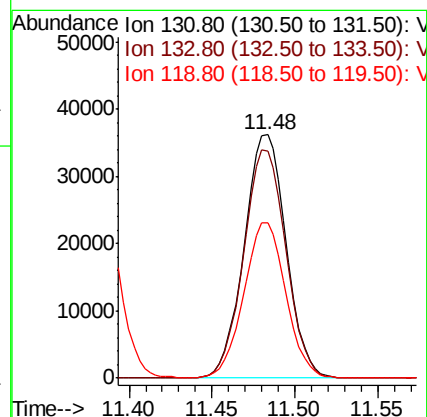
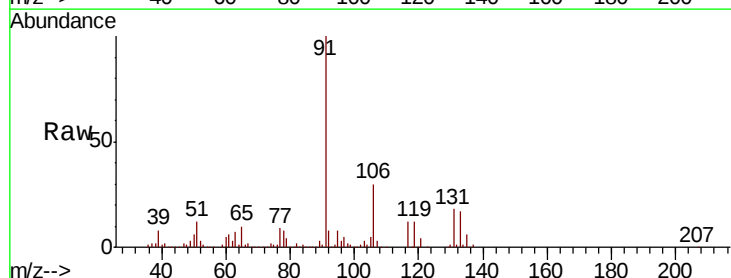
Tgt Ion:131 Resp: 63848

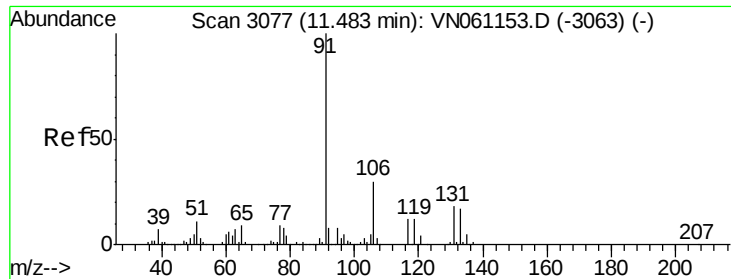
Ion Ratio Lower Upper

131 100

133 94.5 48.0 144.2

119 63.9 32.6 97.8

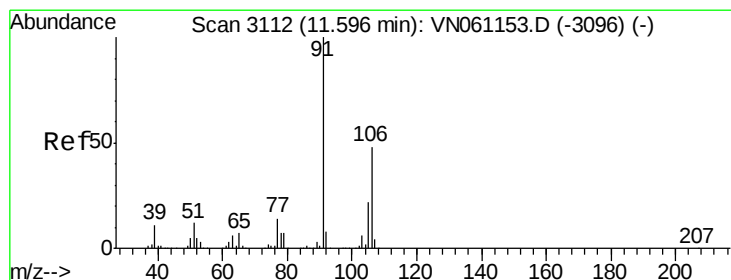
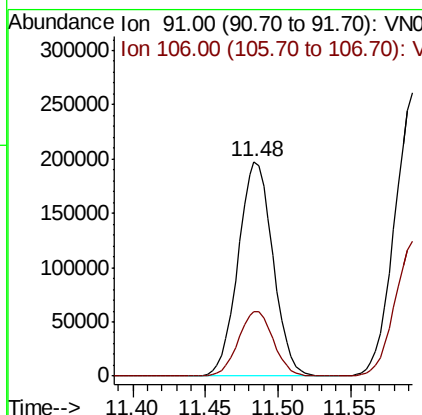
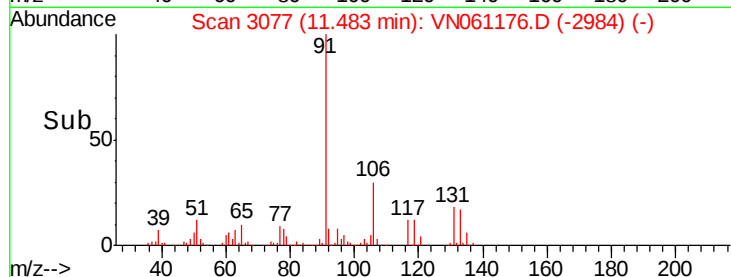
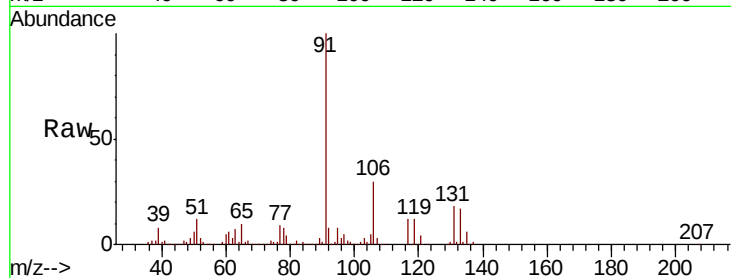




#67
Ethyl Benzene
Concen: 53.332 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

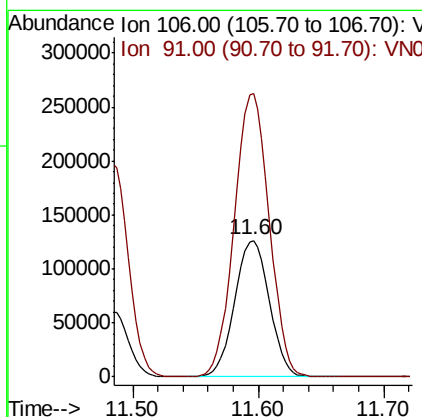
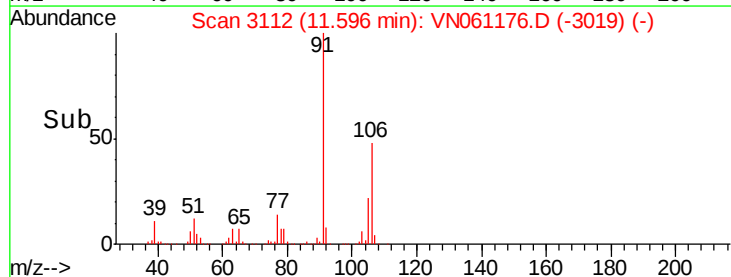
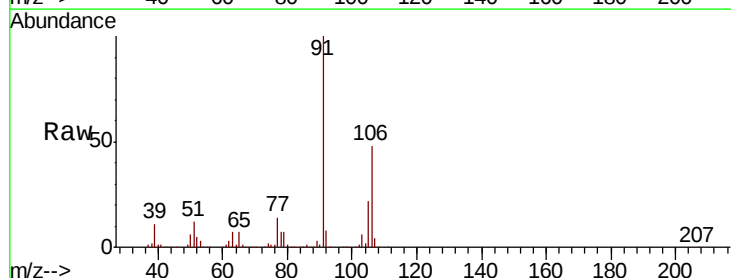
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

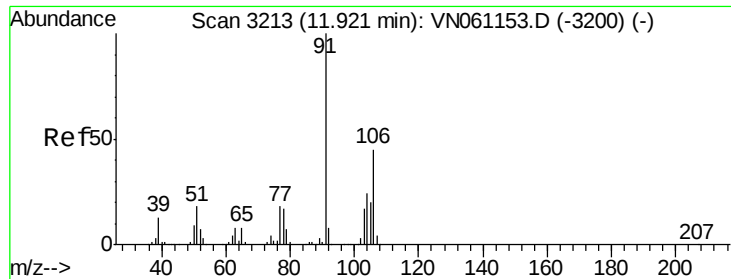
Tot Ion: 91 Resp: 329503
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6



#68
m/p-Xylenes
Concen: 107.216 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion: 106 Resp: 242464
Ion Ratio Lower Upper
106 100
91 209.2 166.4 249.6

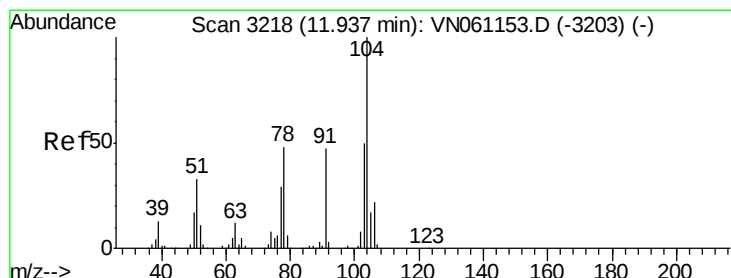
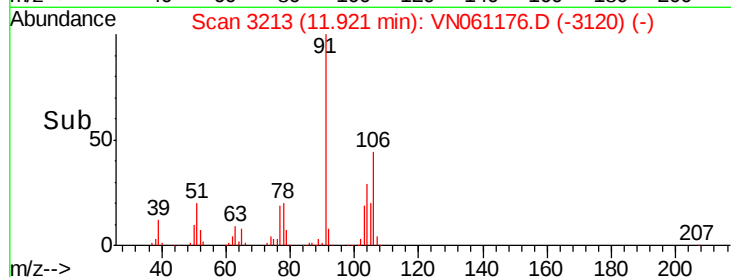
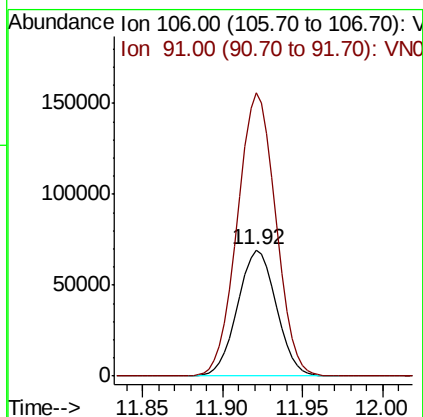
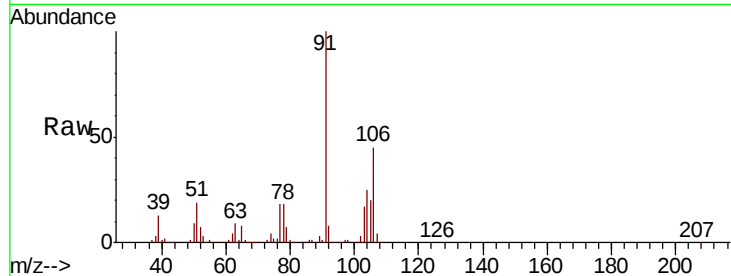




#69
o-Xylene
Concen: 52.756 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

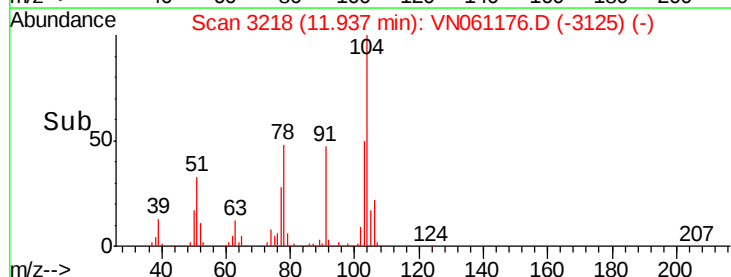
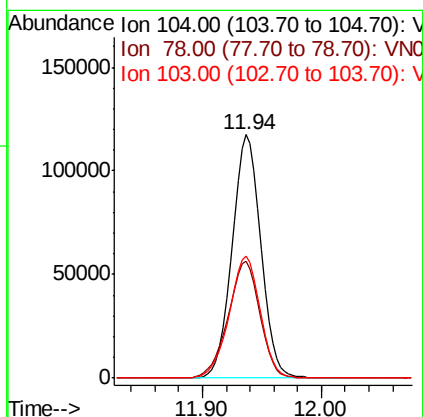
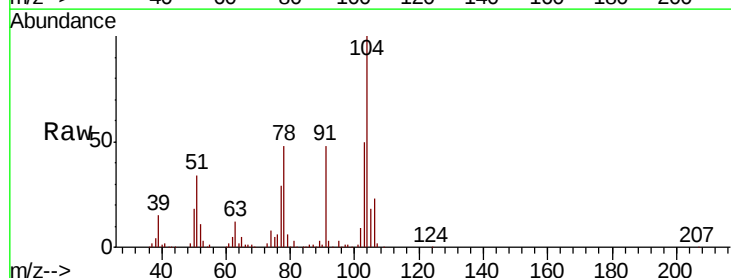
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

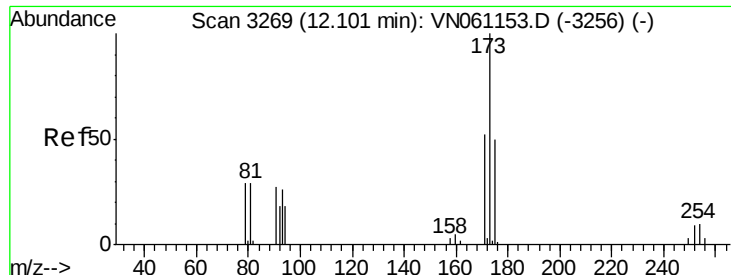
Tot Ion:106 Resp: 114600
Ion Ratio Lower Upper
106 100
91 222.6 109.7 329.0



#70
Styrene
Concen: 54.028 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. -0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion:104 Resp: 196432
Ion Ratio Lower Upper
104 100
78 53.1 42.1 63.1
103 54.2 43.3 64.9





#71

Bromoform

Concen: 54.434 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

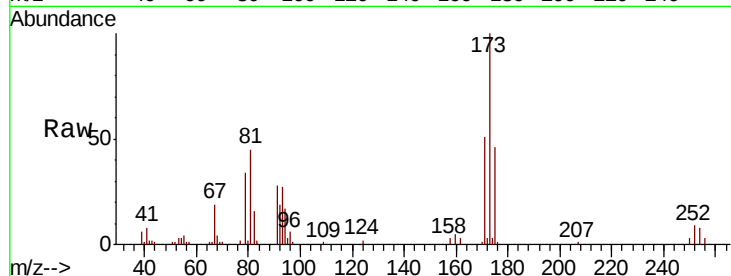
Tot Ion:173 Resp: 47257

Ion Ratio Lower Upper

173 100

175 47.9 24.1 72.4

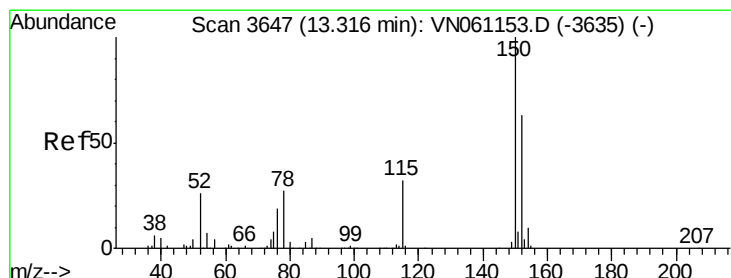
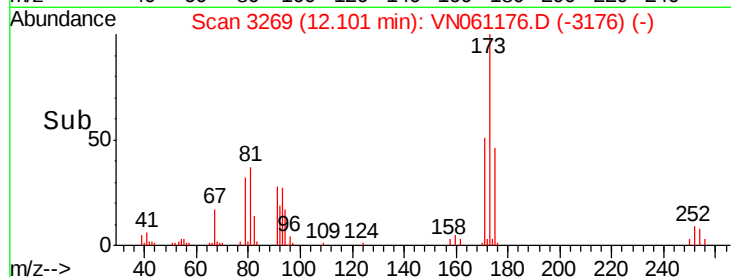
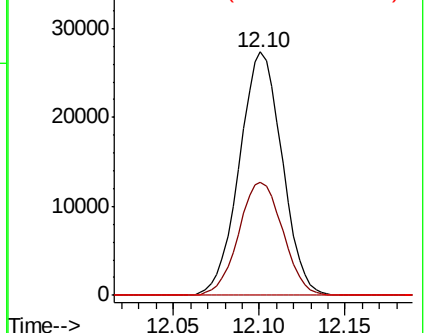
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

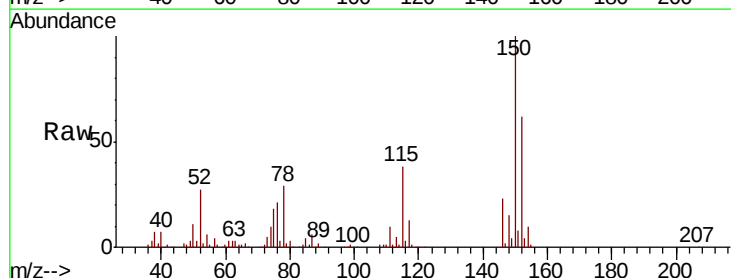
Tgt Ion:152 Resp: 84067

Ion Ratio Lower Upper

152 100

115 61.4 31.0 93.0

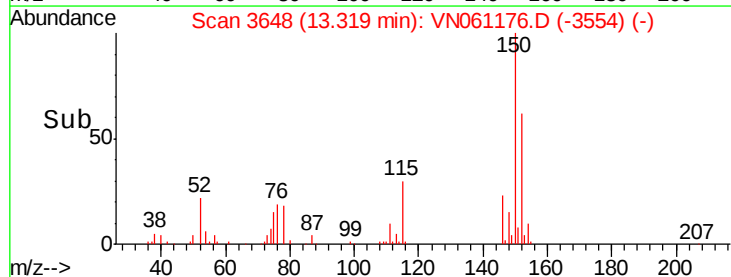
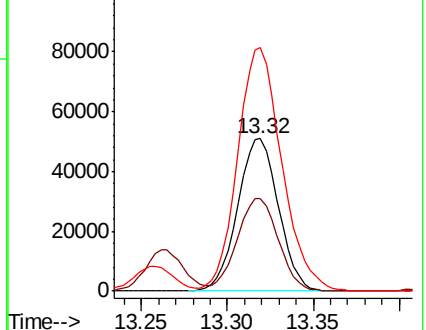
150 173.5 0.0 351.8

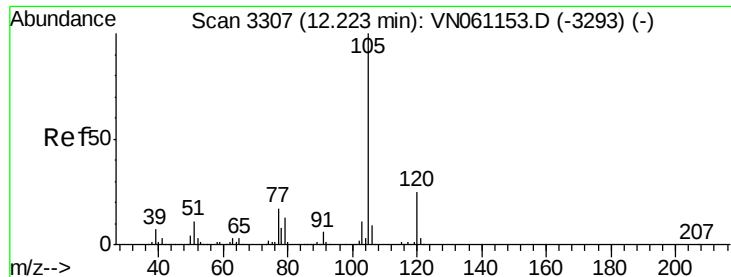


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.091 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

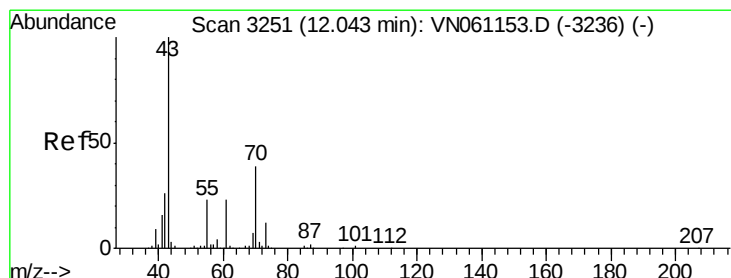
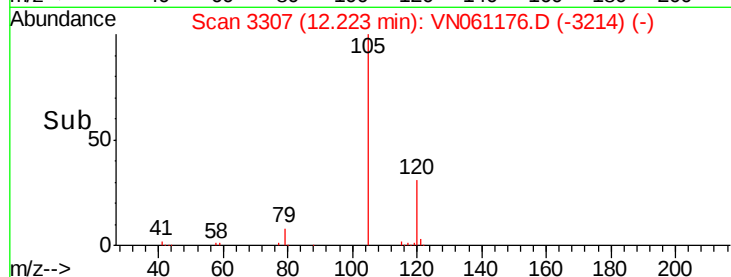
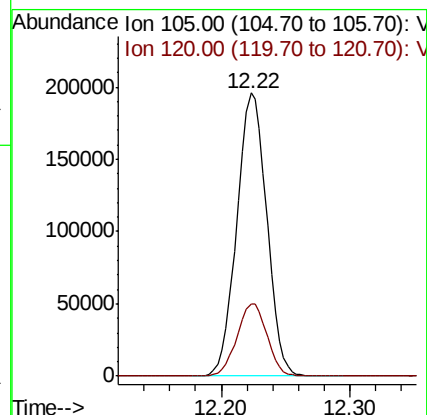
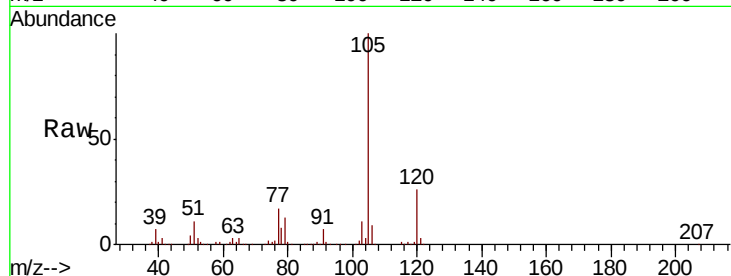
ST006RW149-200422MS

Tot Ion:105 Resp: 315749

Ion Ratio Lower Upper

105 100

120 25.6 12.6 37.8



#74

N-ethyl acetate

Concen: 48.554 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Tgt Ion: 43 Resp: 151951

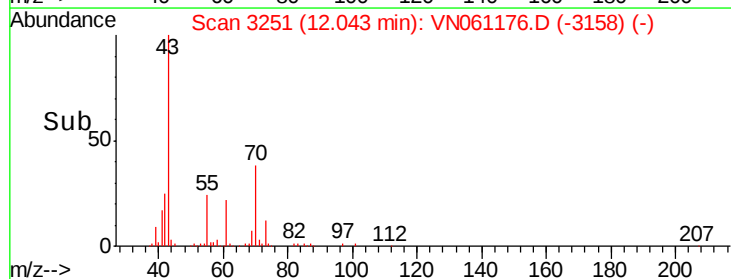
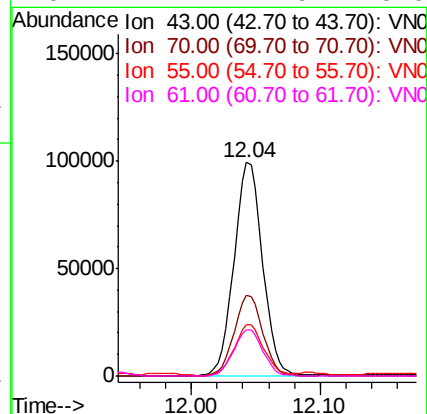
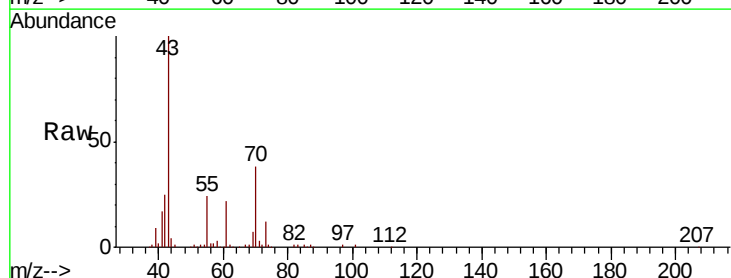
Ion Ratio Lower Upper

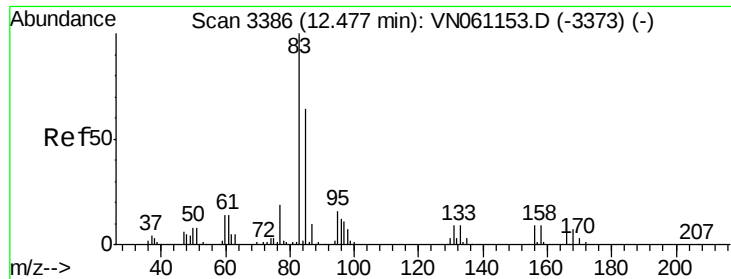
43 100

70 37.9 30.6 46.0

55 24.8 18.5 27.7

61 22.1 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.505 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

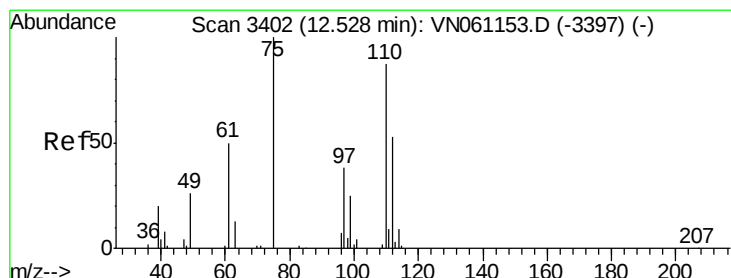
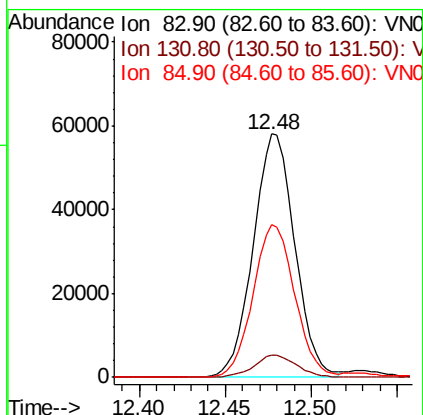
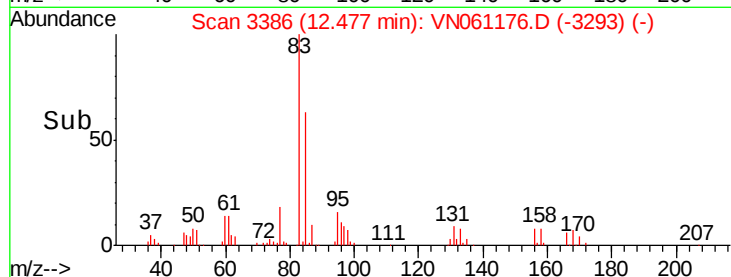
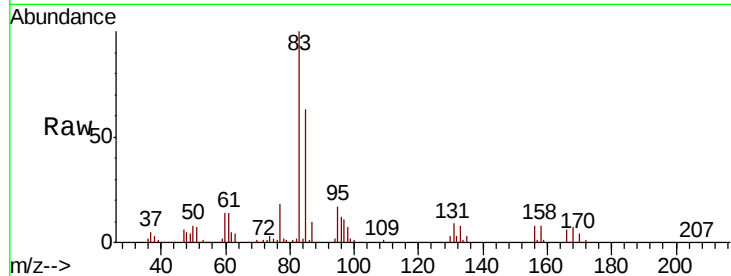
Tot Ion: 83 Resp: 97326

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.3

85 62.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 73.245 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. -0.00 min

Lab File: VN061176.D

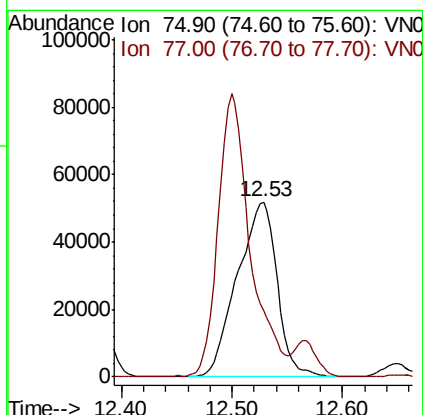
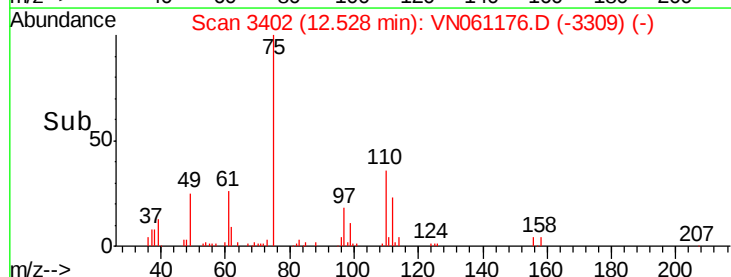
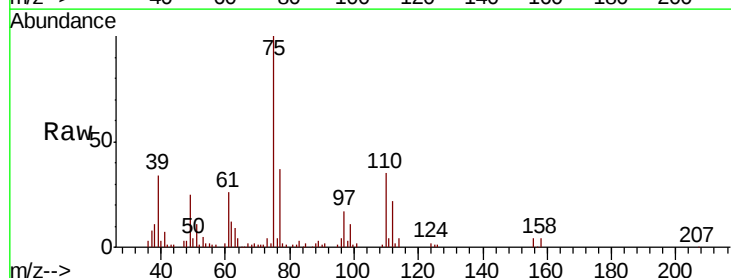
Acq: 28 Apr 2020 20:18

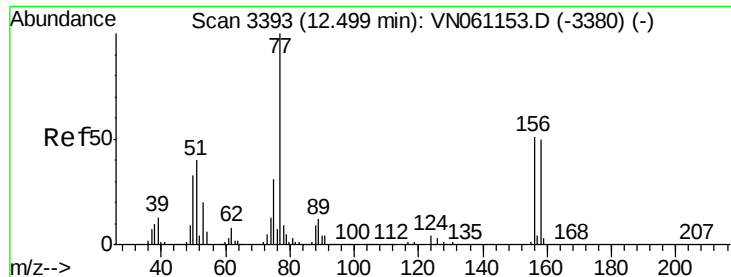
Tgt Ion: 75 Resp: 129817

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.263 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

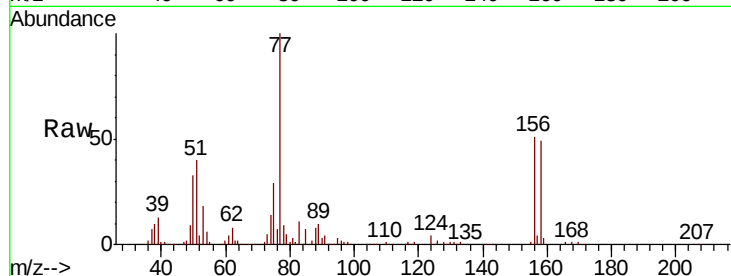
Tot Ion:156 Resp: 71708

Ion Ratio Lower Upper

156 100

77 237.4 117.4 352.2

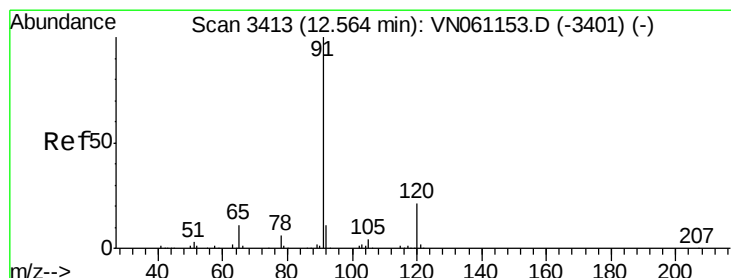
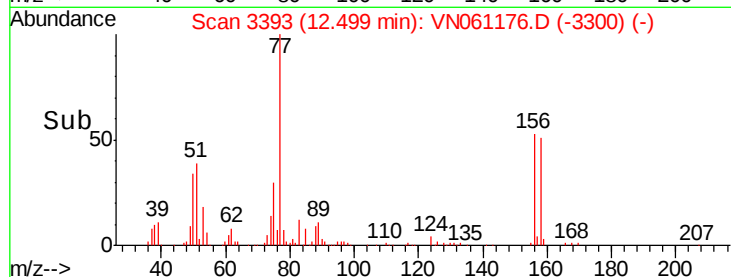
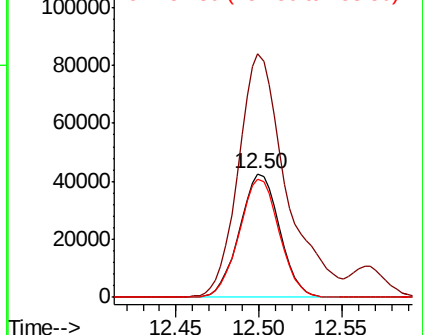
158 96.1 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.849 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061176.D

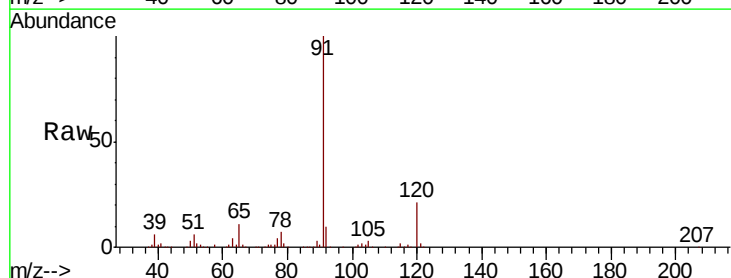
Acq: 28 Apr 2020 20:18

Tgt Ion: 91 Resp: 380069

Ion Ratio Lower Upper

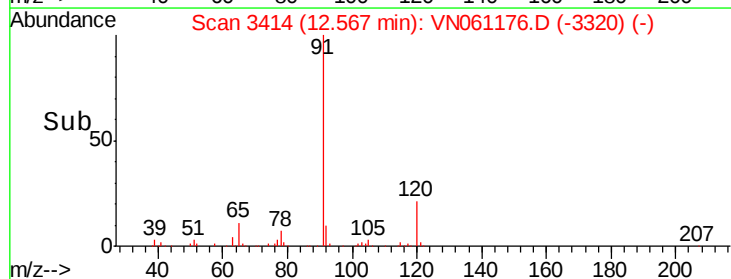
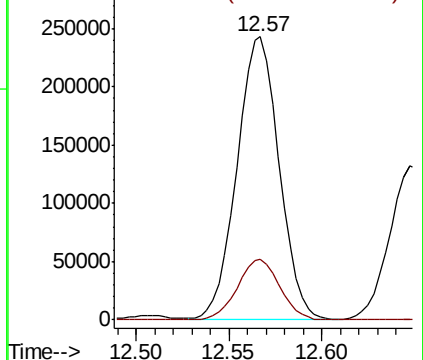
91 100

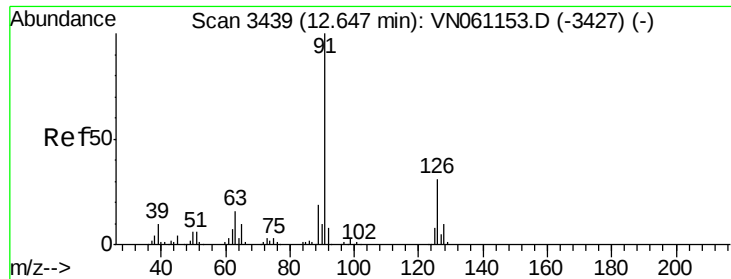
120 21.6 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

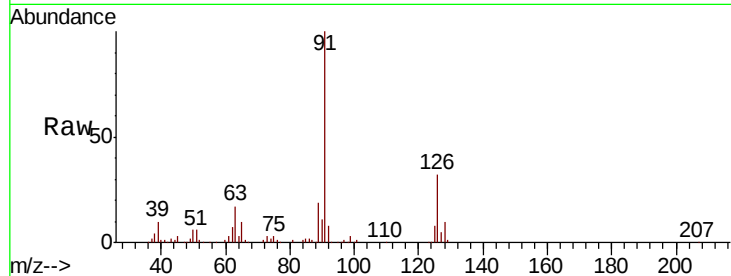




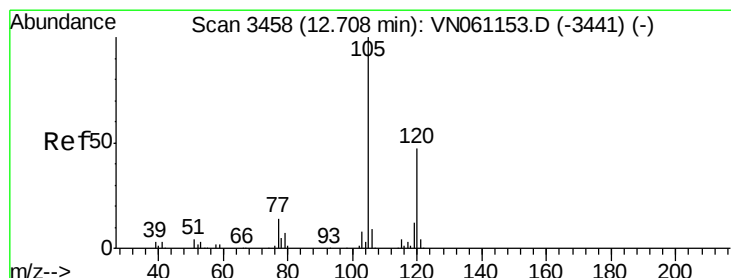
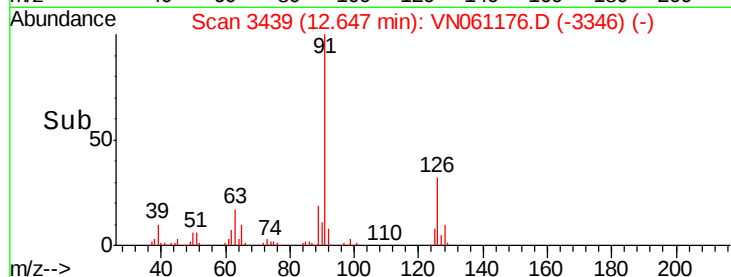
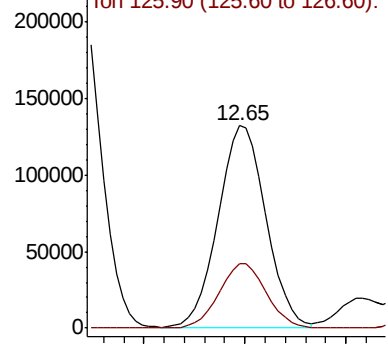
#79
 2-Chlorotoluene
 Concen: 50.653 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. -0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MS

Tot Ion: 91 Resp: 218243
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.9 47.7

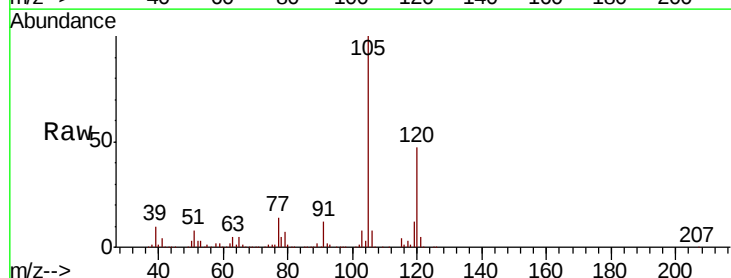


Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)
 Ion 125.90 (125.60 to 126.60): VN061153.D (-3427) (-)

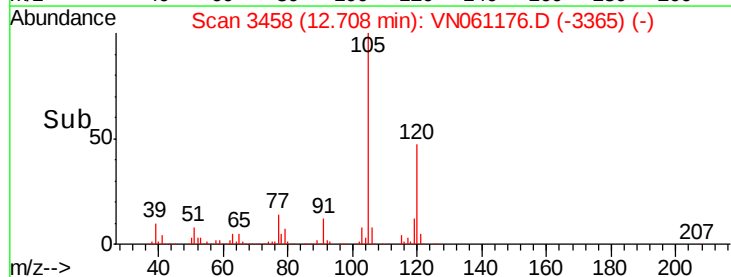
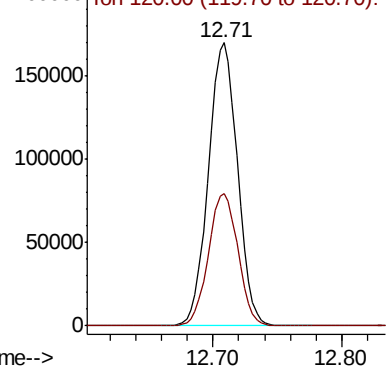


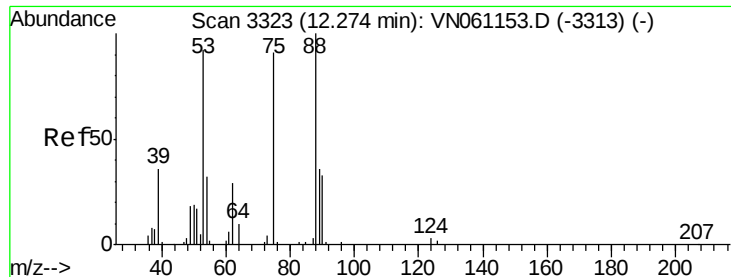
#80
 1,3,5-Trimethylbenzene
 Concen: 52.139 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Tgt Ion: 105 Resp: 266693
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061153.D (-3441) (-)
 Ion 120.00 (119.70 to 120.70): VN061153.D (-3441) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.674 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

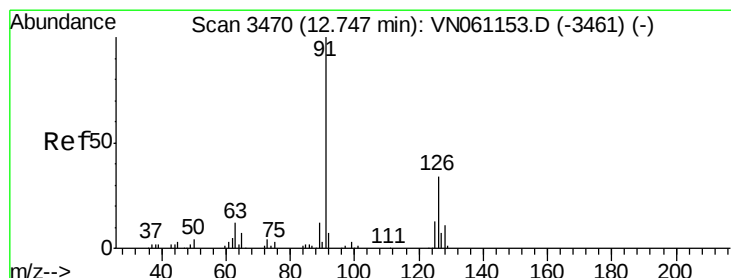
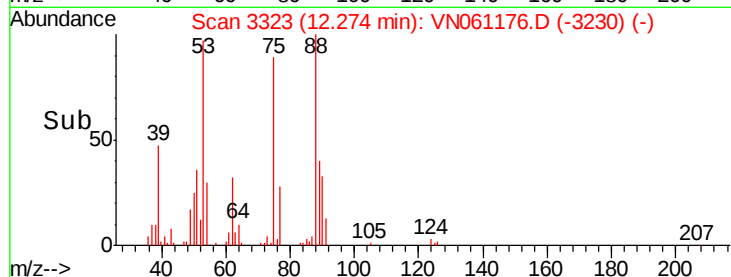
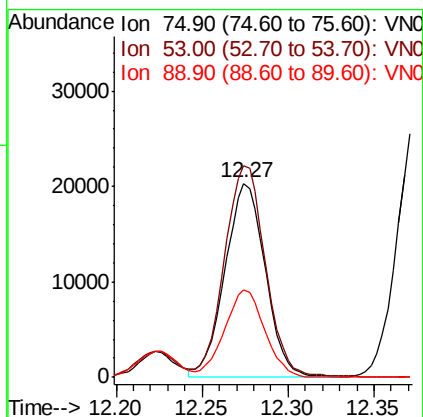
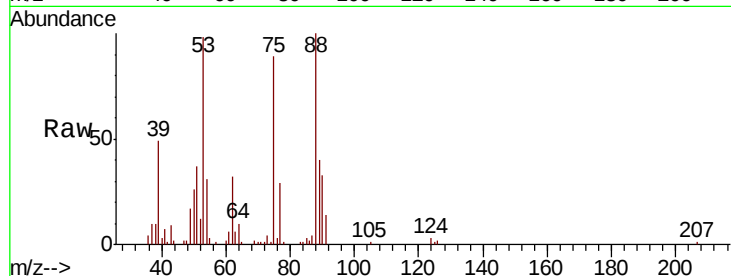
Tot Ion: 75 Resp: 33273

Ion Ratio Lower Upper

75 100

53 111.1 84.1 126.1

89 44.9 35.2 52.8



#82

4-Chlorotoluene

Concen: 51.325 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061176.D

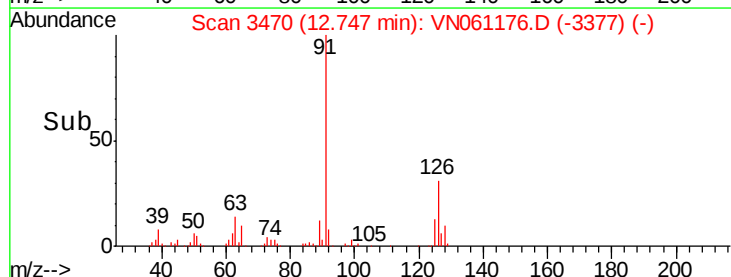
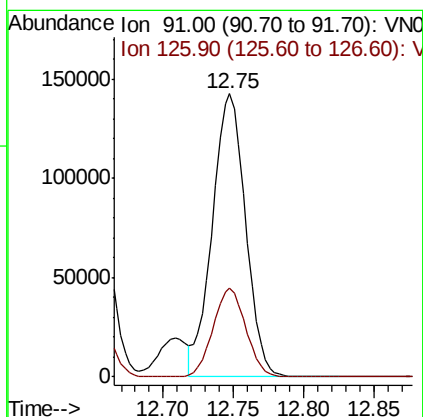
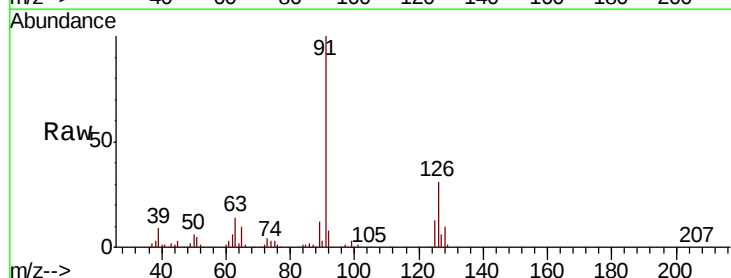
Acq: 28 Apr 2020 20:18

Tgt Ion: 91 Resp: 233071

Ion Ratio Lower Upper

91 100

126 30.8 15.7 47.1

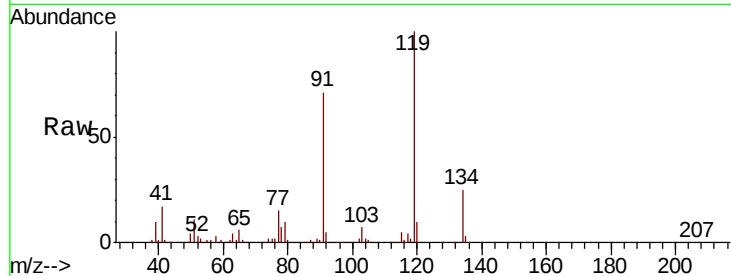




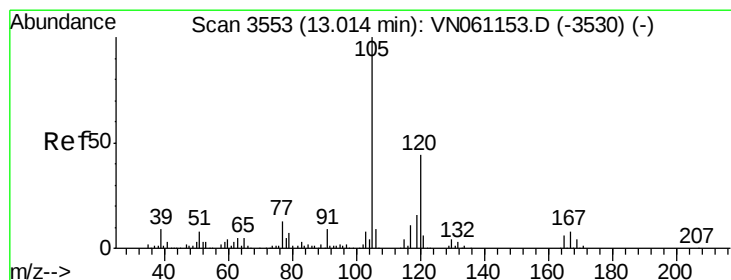
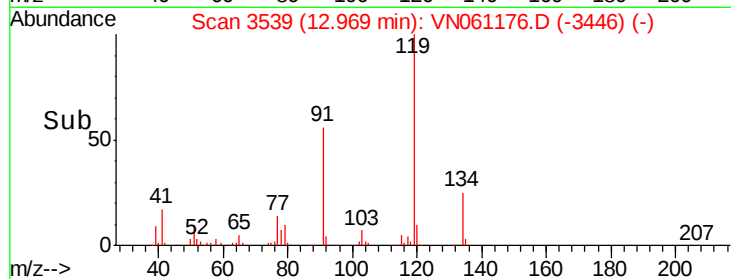
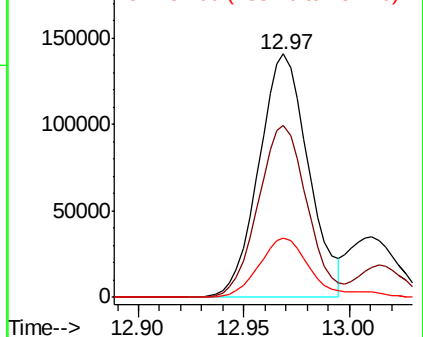
#83
 tert-Butylbenzene
 Concen: 53.363 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MS

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.0	34.8	104.4
134	25.7	12.9	38.7

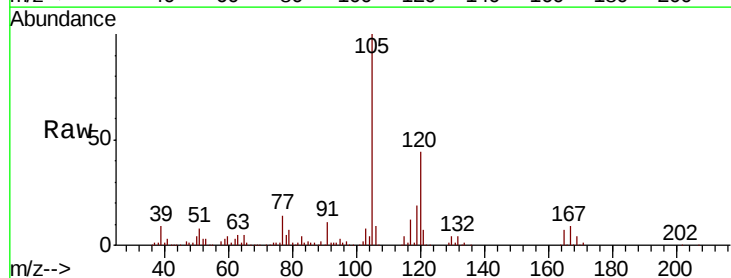


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

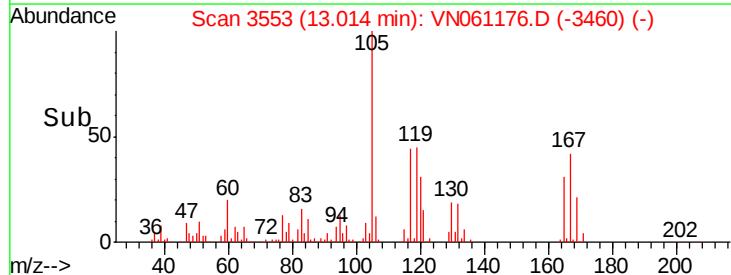
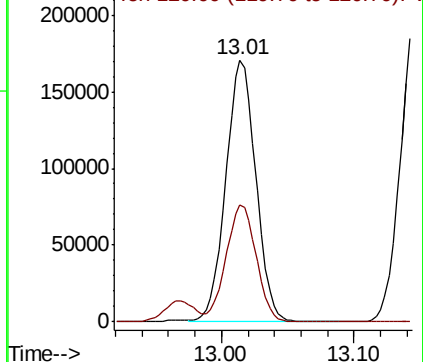


#84
 1,2,4-Trimethylbenzene
 Concen: 50.891 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.2	66.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.940 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

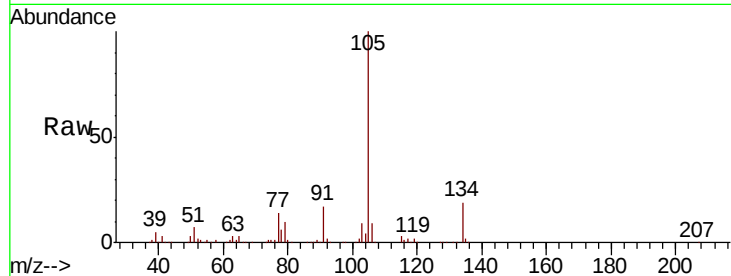
ST006RW149-200422MS

Tot Ion:105 Resp: 317187

Ion Ratio Lower Upper

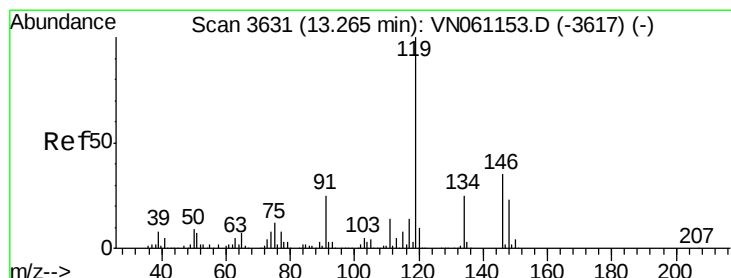
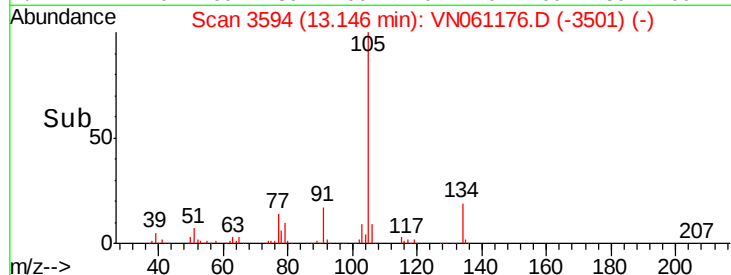
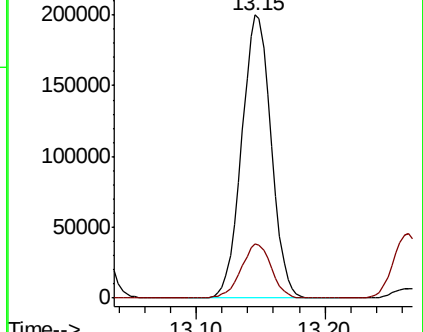
105 100

134 19.8 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.894 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

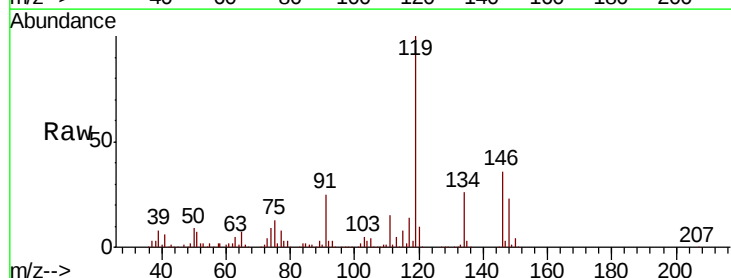
Tgt Ion:119 Resp: 274941

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.6

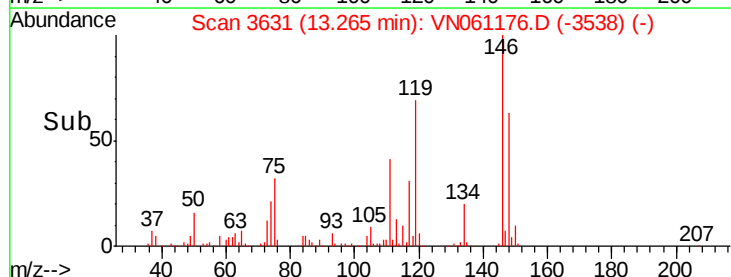
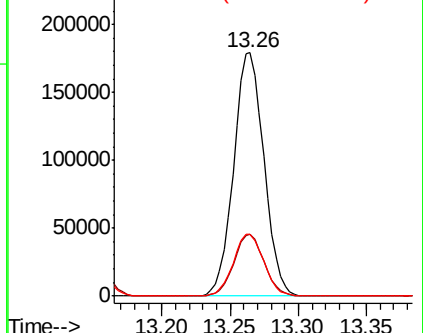
91 25.9 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

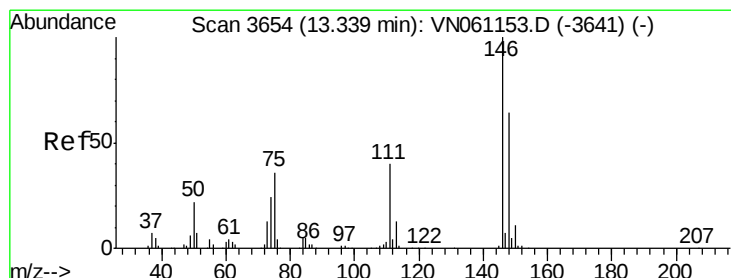
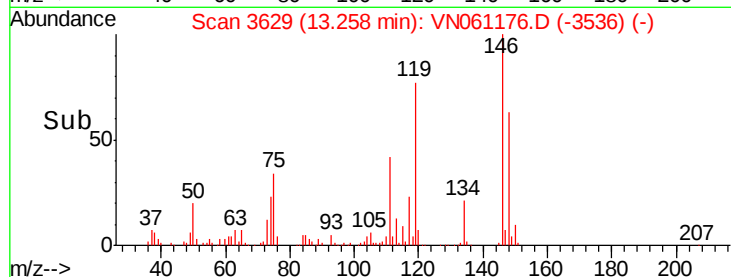
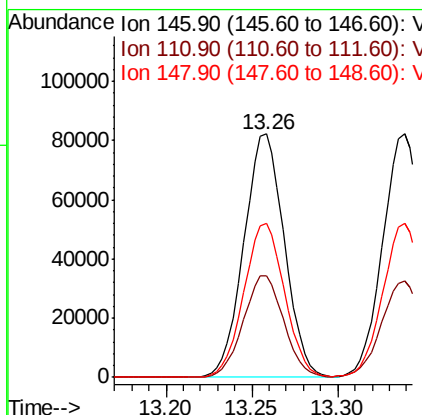
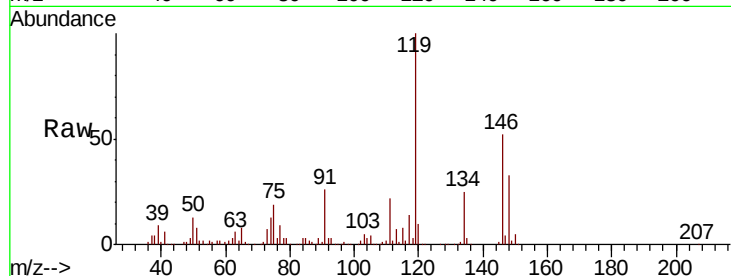




#87
 1,3-Dichlorobenzene
 Concen: 51.169 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

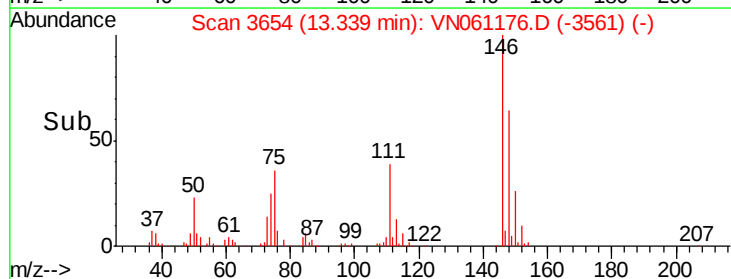
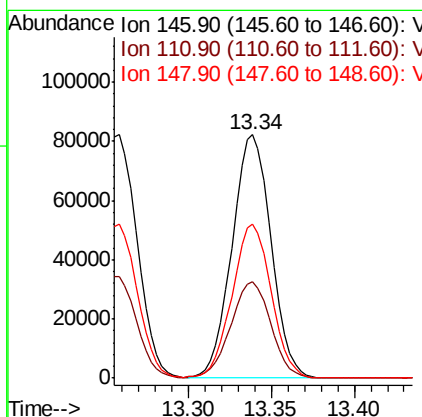
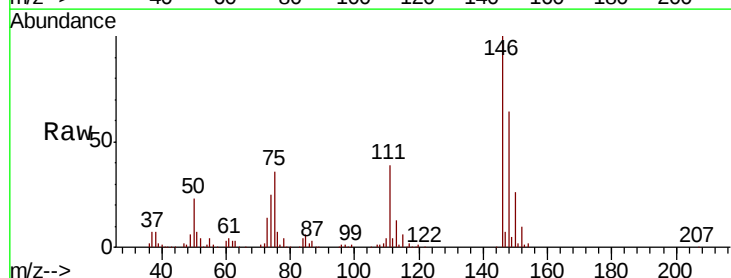
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MS

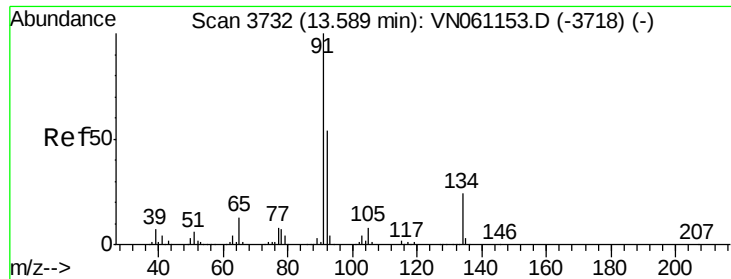
Tot Ion:146 Resp: 134389
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.7 62.1
 148 63.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.177 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Tgt Ion:146 Resp: 134648
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.4 61.3
 148 63.4 31.9 95.7

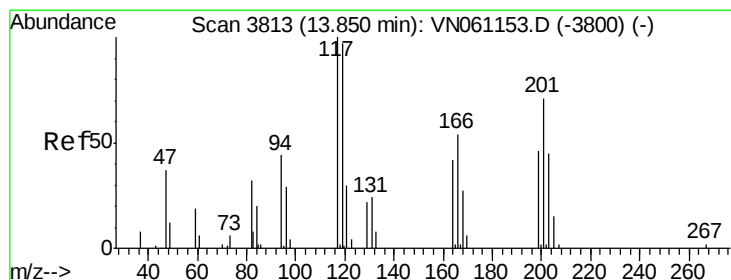
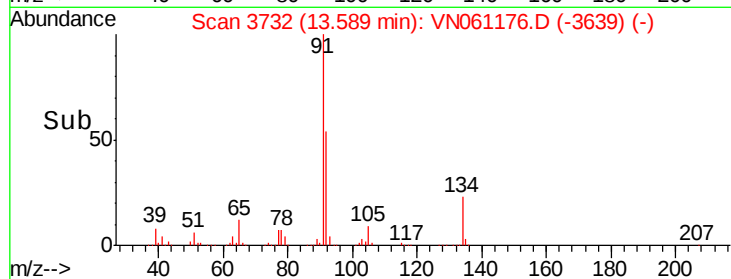
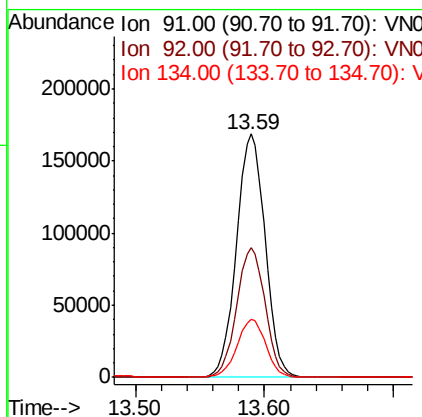
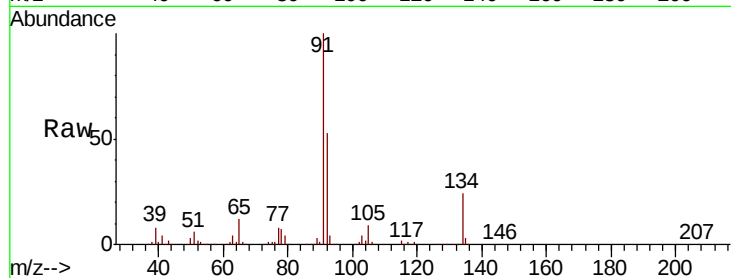




#89
n-Butylbenzene
Concen: 53.541 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. -0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

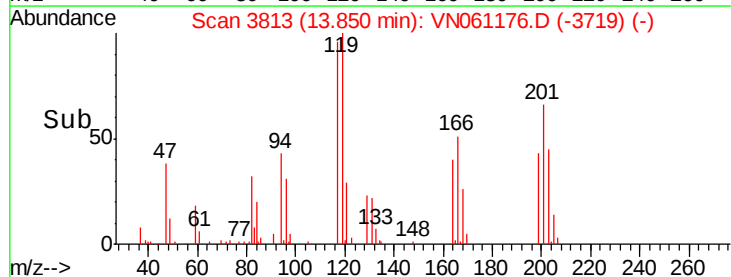
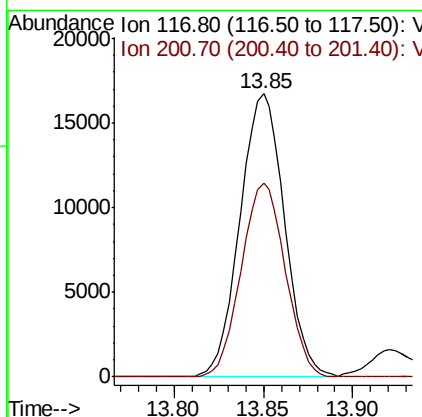
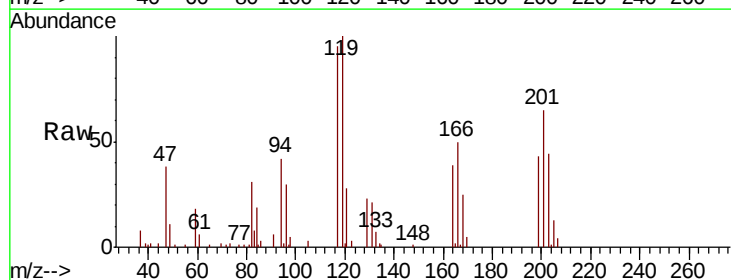
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

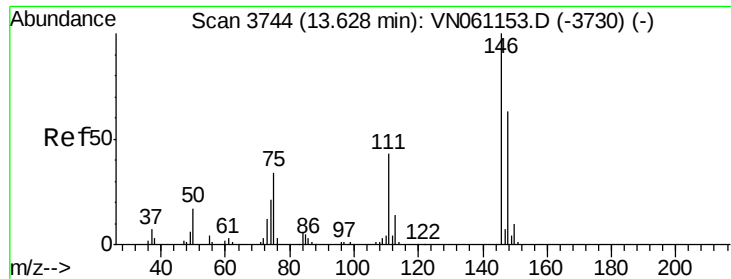
Tot Ion: 91 Resp: 260051
Ion Ratio Lower Upper
91 100
92 53.0 26.8 80.3
134 24.0 11.9 35.5



#90
Hexachloroethane
Concen: 52.374 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion: 117 Resp: 29179
Ion Ratio Lower Upper
117 100
201 67.5 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 50.991 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. -0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

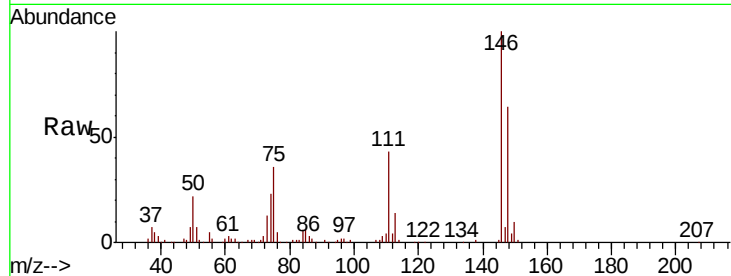
Tot Ion:146 Resp: 128409

Ion Ratio Lower Upper

146 100

111 43.2 21.8 65.3

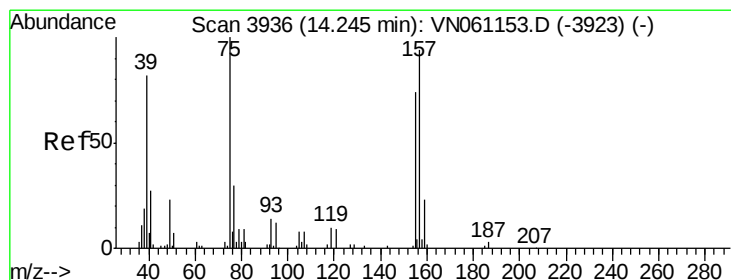
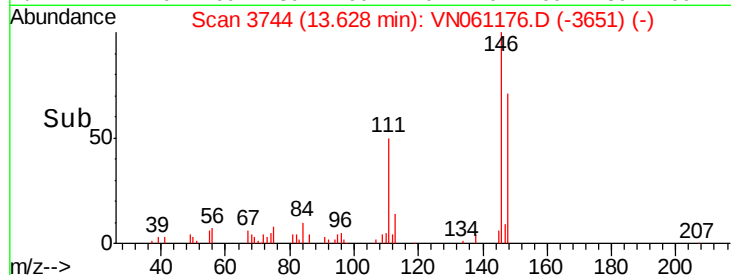
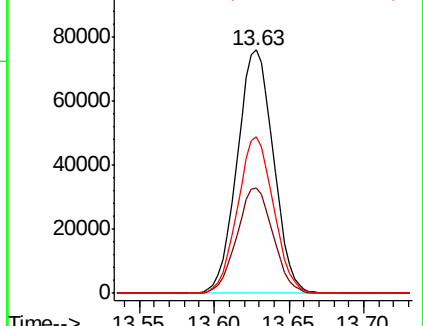
148 63.9 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.219 ug/l

RT: 14.25 min Scan# 3936

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

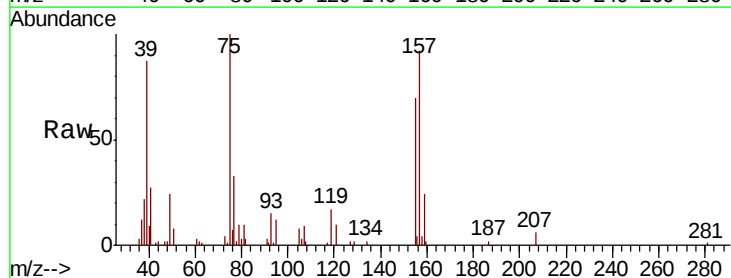
Tgt Ion: 75 Resp: 20439

Ion Ratio Lower Upper

75 100

155 70.2 36.5 109.7

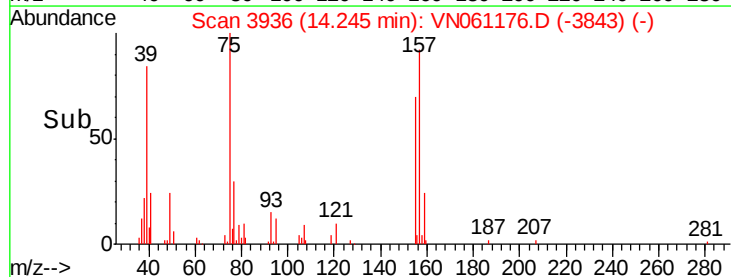
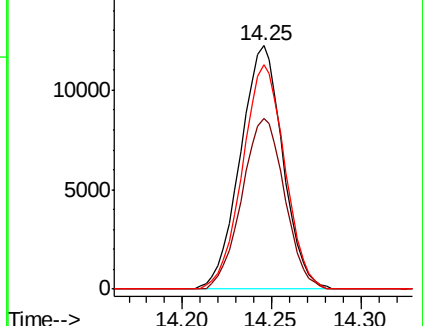
157 91.5 46.6 139.7

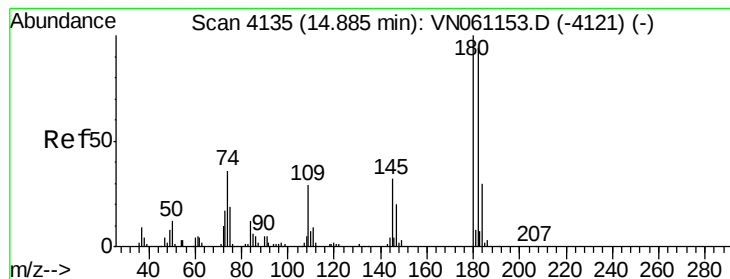


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 51.658 ug/l

RT: 14.88 min Scan# 4134

Delta R.T. -0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

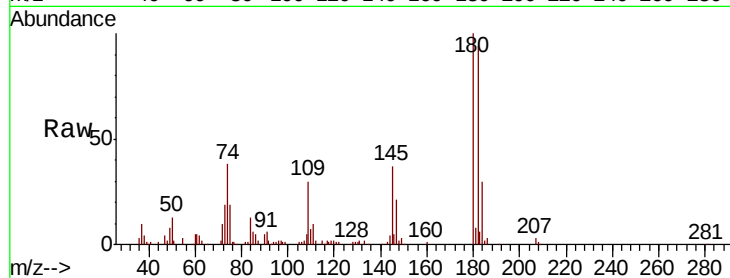
Tot Ion:180 Resp: 79217

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

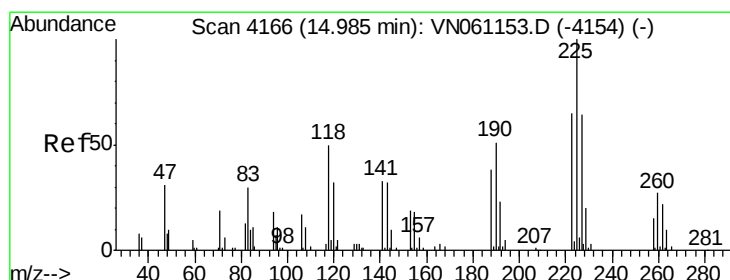
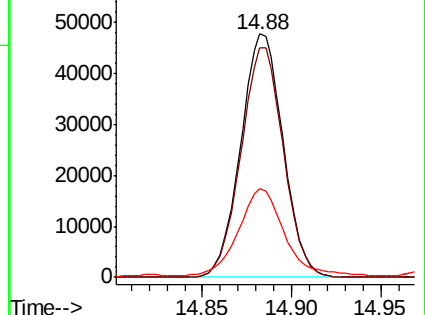
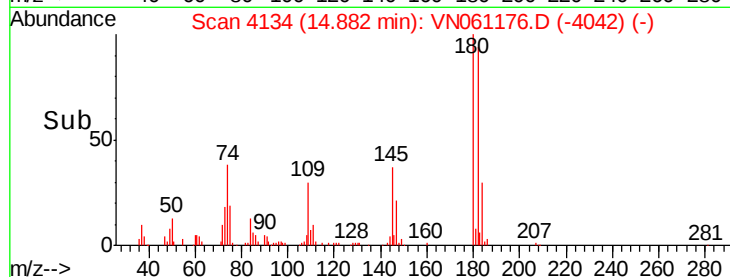
145 41.4 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 51.722 ug/l

RT: 14.98 min Scan# 4166

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

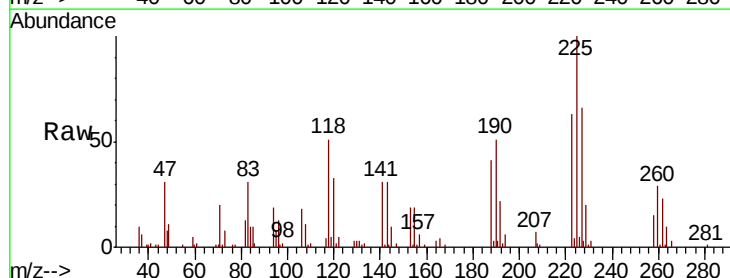
Tgt Ion:225 Resp: 33135

Ion Ratio Lower Upper

225 100

223 63.4 32.4 97.0

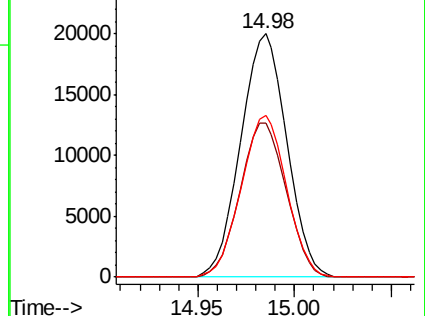
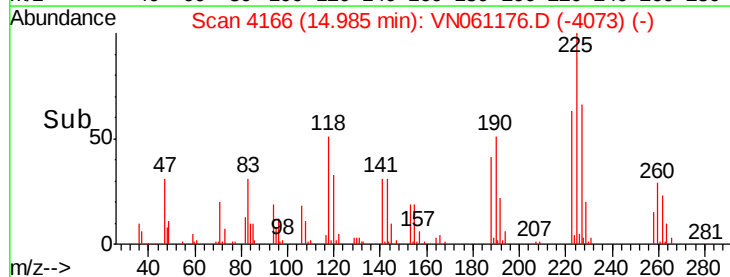
227 65.3 32.4 97.0

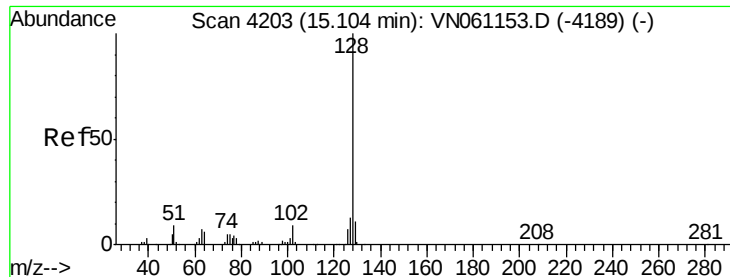


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

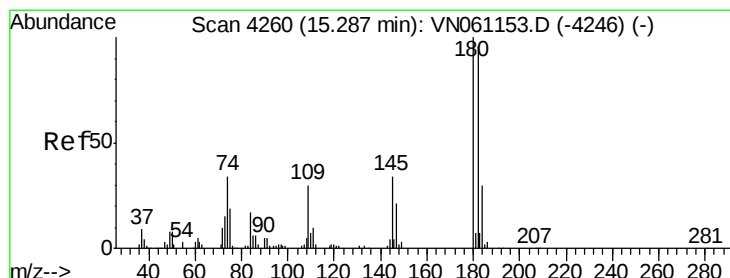
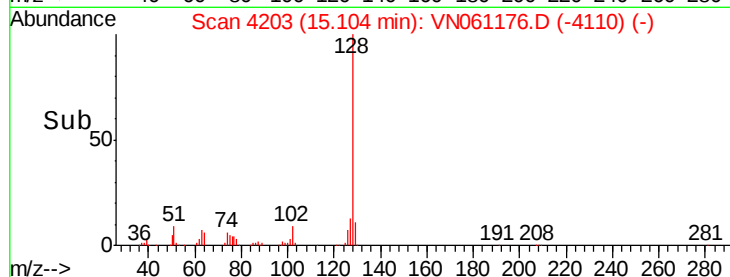
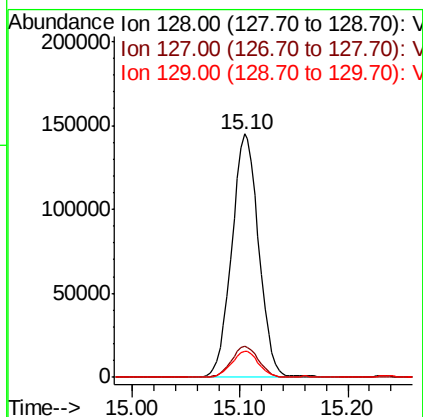
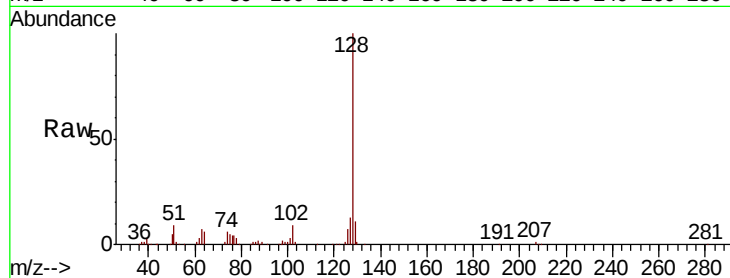




#95
Naphthalene
Concen: 50.645 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.212 ug/l
RT: 15.28 min Scan# 4259
Delta R.T. -0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.5	142.5
145	39.4	16.9	50.7

